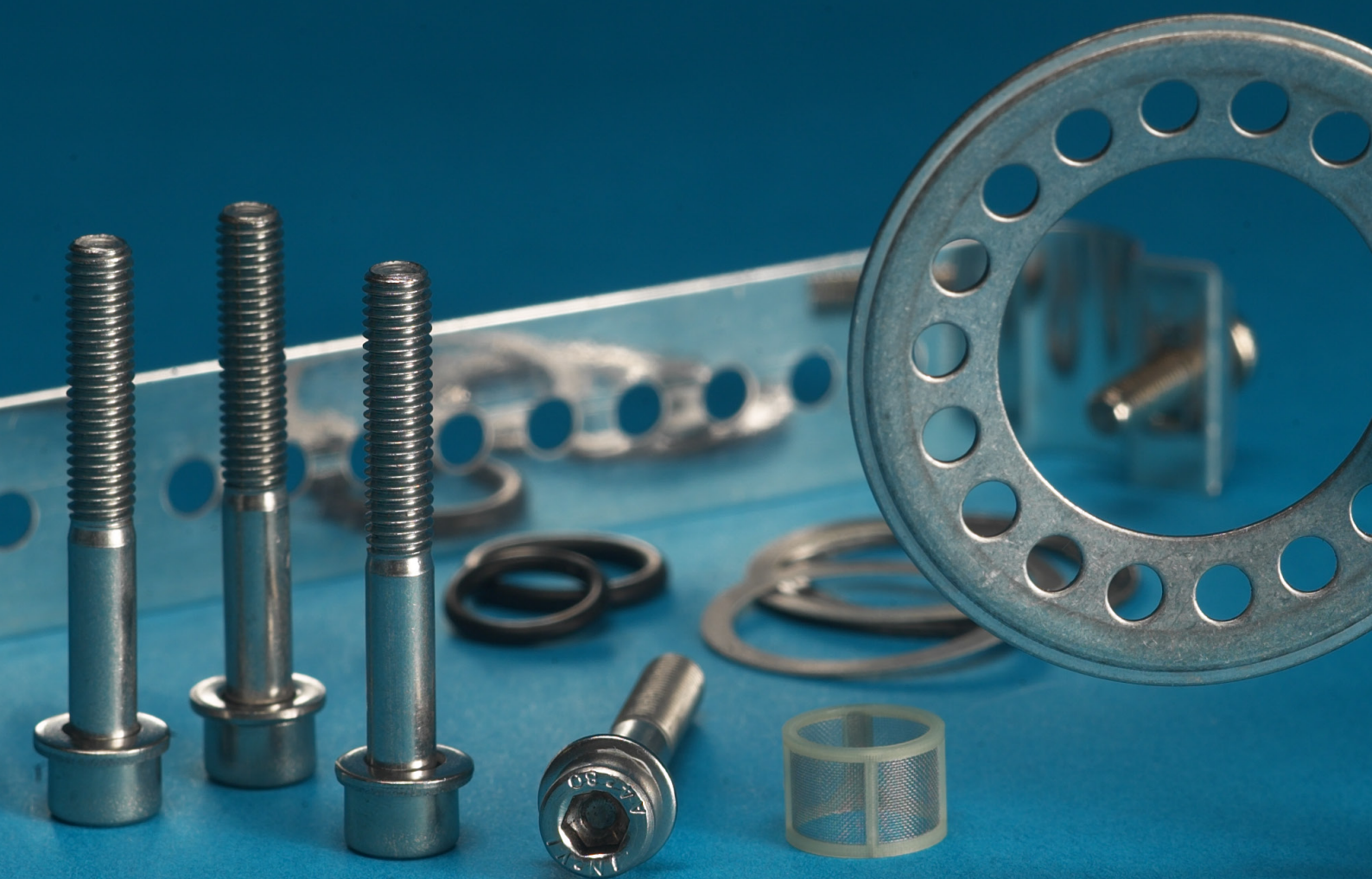


ENGINEERING
TOMORROW

Danfoss

Product Catalogue

Industrial Refrigeration **Spare parts and accessories**



Industrial Refrigeration

Spare parts and accessories

Shut-off and regulating valves	Page	Strainers	Page
Shut-off valves..... SVA-S / SVA-L.....	3	Strainers..... FIA.....	3
Shut-off valves..... SVA-ST.....	3	Strainers..... FIA-140B.....	3
Shut-off valves..... SVA-LT.....	3	Strainer inserts..... FIA.....	313
Shut-off valves..... SVA-HS.....	3	Strainers..... FA.....	314
Shut-off valves..... SVA-140B.....	3	Filters..... FIL.....	315
Shut-off valves..... SVA-DH.....	285	Filter drier..... DCR.....	317
Shut-off valves..... SVA-DL.....	286		
Shut-off valves..... STC.....	287	Check valves	
Hand regulating valves..... REG-SA / REG-SB.....	3	Stop & check valves..... SCA / SCA-X.....	3
Hand regulating valves..... REG.....	75	Check valves..... CHV / CHV-X.....	3
Gauge valves..... SNV-ST.....	289	Check valves..... NRVA.....	318
Shut-off valves..... QDV.....	290		
		Solenoid valves	
Pressure and temperature regulators		Solenoid valves..... EVRA / EVRAT.....	141
Pilot operated servo valves..... ICS.....	77	Solenoid valves (stainless steel)..... EVRS / EVRST.....	141
Motor operated valves..... ICM/ICAD.....	77	2-step solenoid valves..... ICLX.....	77
Pilot valves for main valves..... CVP, CVPP, CVC and CVT.....	291	Dual position solenoid valve..... ICSH.....	323
Pilot valves for main valves..... EVM (NC) and EVM (NO).....	141	Block valves..... BV1 and BV2.....	319
Pilot operated servo valves..... PM.....	173	2-step solenoid valves..... GPLX.....	320
Valve housings..... ICV PM.....	280	Gas powered stop valves..... GPS.....	322
Motorised valve..... MEV.....	173	Solenoid valve..... PML.....	173
Motorised valve..... MRV.....	173	2-step solenoid valves..... PMLX.....	173
Pilot operated servo valves..... PMC.....	173		
Temperature regulating valves..... ORV.....	292	Sensors	
Pressure regulating valves..... OFV.....	293	Liquid level sensors..... AKS 4100/4100U.....	306
Pressure regulating valves..... CVMD.....	294	Gas detecting sensors..... GDA/GDC/GDHC/GDHF/GDH.....	324
Switches and thermostats		Safety valves	
Pressure controls..... RT.....	295	Safety relief valves..... SFA.....	325
Thermostats..... RT.....	296	Safety relief valves..... SFV.....	325
Pressure switches..... KP.....	297	Safety relief valves..... POV.....	325
Pressure controls..... RT.....	299	Change-over valves..... DSV.....	326
Differential pressure switches..... MP 54-55 / MP 55A.....	301		
Liquid level switches..... AKS 38.....	305	Expansion valves	
		Thermostatic expansion valves..... TEA.....	281
Liquid level regulating valves		Desuperheating valves..... TEAT.....	281
Float valves..... HFI.....	302	Thermostatic liquid level regulator... TEVA.....	281
Float valves, direct-controlled..... SV 1 and 3.....	303	Expansion valve for ammonia..... TEAQ.....	281
Float valves, direct operated, for LP side..... SV 4, 5 and 6.....	304	Electric expansion valves..... AKVA.....	331
Liquid level regulating valves..... PMFL.....	173		
Liquid level regulating valves..... PMFH.....	173	Flanges	
		Flanges, gaskets, bolts and nuts.....	334
Valve stations		Danfoss Hand Tools.....	370
Valve stations..... ICF.....	308		
Sight glasses			
Sight glasses..... LLG.....	307		

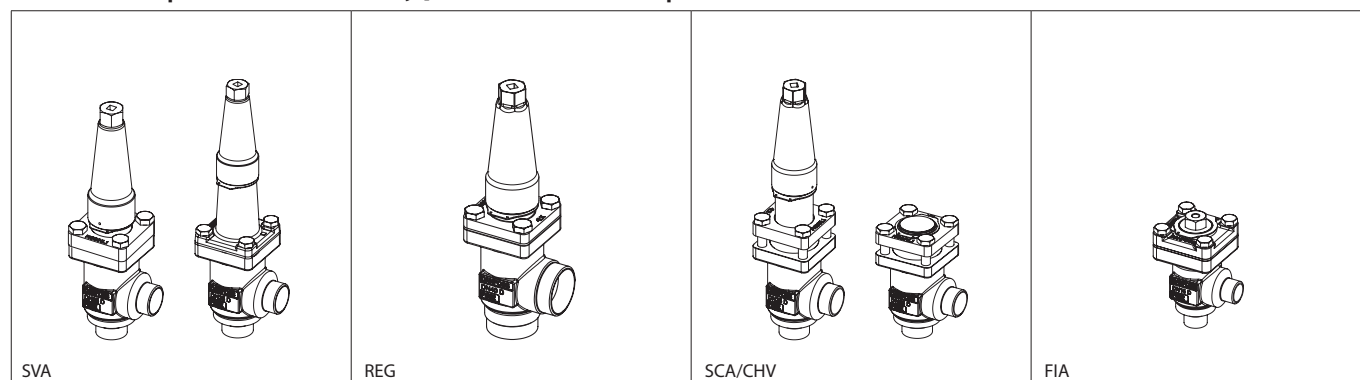
Industrial Refrigeration

Spare parts and accessories

Type	Page	Type	Page
A		Q	
AKS 38.....	305	QDV	290
AKS 4100.....	306		
AKVA.....	331	R	
B		REG	75
BV1 and BV 2	319	REG-SA/SB.....	3
C		RT Pressure control	295
CHV	3	S	
CHV-X.....	3	SCA	3
CVMD.....	294	SCA-X	3
CVP, CVPP, CVC and CVT	291	SFA	325
D		SFV	325
DSV 1	328	SNV	289
DSV 15	326	STC	287
DSV 10	329	SV 1 and 3.....	303
DSV 2.....	330	SV 4, 5 and 6	304
DSV 32.....	327	SVA-DH	285
Danfoss Hand Tools	370	SVA-DL.....	286
E		SVA-HS.....	3
EVM (NC) and EVM (NO).....	141	SVA-LT	3
EVRA.....	141	SVA-S/L	3
EVRAT.....	141	SVA-ST.....	3
EVR.....	141	SVA-140B	3
EVRST	141	T	
F		TEA.....	281
FA.....	314	TEAQ.....	281
FIA.....	3	TEAT	281
FIA-140B.....	3	TEVA	281
FIA inserts.....	313		
FIL.....	315		
Flanges, Gaskets, Bolts and Nuts	334		
G			
GDA/GDC/GDHC/GDHF/GDH	324		
GPLX.....	321		
GPS	322		
H			
HFI	302		
I			
ICF	308		
ICLX.....	77		
ICM/ICAD.....	77		
ICS	77		
ICV PM	280		
K			
KP Pressure control	298		
L			
LLG	307		
M			
MEV.....	173		
MP.....	301		
MRV	173		
N			
NRVA	318		
O			
OFV	293		
ORV	292		
P			
PM	173		
PMC	173		
PMFH.....	173		
PMFL.....	173		
PML.....	173		
PMLX	173		
POV	325		

Data sheet – Spare parts and accessories

Shut-off valve, type SVA-S/L, SVA-ST, SVA-LT, SVA-HS, SVA-140B | Regulating valve, type REG, REG-SA/SB | Check & stop valve, type SCA, SCA-X | Strainer, type FIA, FIA-140B | Check valve, type CHV, CHV-X | ICF 50/65 control modules



Valve type	Size	See details on page #	Code no.
Inspection kits			
SVA-S/L, ST/LT - REG/SA, SB (Size 10 only)	6-10	4	148B6050
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	15-20	5-6	148B6051
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	25-40	7-8	148B6052
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	50	9-10	148B6053
SVA-140B, FIA-140B	50/65	11	148B6849
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X - FIA - CHV/X	65	12-13	148B6054
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	80	14-15	148B6055
SVA-140B, FIA-140B	80	16	148B6850
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	100	17-18	148B6056
SVA-140B, FIA-140B	100	19	148B6851
SVA-S/L, ST/LT, HS - SCA/X - FIA - CHV/X	125	20-21	148B6057
SVA-140B, FIA-140B	125	22	148B6941
SVA-S/L, ST/LT, HS - FIA	150	23	148B6058
SVA-140B, FIA-140B	150	24	148B6942
SVA-S/L, ST/LT, HS - FIA	200	25	148B6059

Repair kits			
SVA-S/L, ST/LT - REG/SA, SB (Size 10 only)	6-10	26	148B6060
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	15-20	27-28	148B6061
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	25-40	29-30	148B6062
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	50	31-32	148B6063
SVA-140B	50/65	33	148B6852
SVA-S/L, ST/LT, HS - REG/SA, SB - SCA/X	65	34-35	148B6064
SVA-S/L, ST/LT, HS - SCA/X	80	36	148B6065
SVA-140B	80	37	148B6853
SVA-S/L, ST/LT, HS - SCA/X	100	38	148B6066
SVA-140B	100	39	148B6854
SVA-S/L, ST/LT, HS - SCA/X	125	40	148B6067
SVA-140B	125	41	148B6943
SVA-S/L, ST/LT, HS	150	42	148B6068
SVA-140B	150	43	148B6944
SVA-S/L, ST/LT, HS	200	44	148B6473

Overhaul kits			
SVA-S/L, ST/LT	6-10	45	148B6150
SVA-S/L, ST/LT, HS	15-20	46	148B6151
SVA-S/L, ST/LT, HS	25-40	47	148B6152
SVA-S/L, ST/LT, HS	50	48	148B6153
SVA-S/L, ST/LT, HS	65	49	148B6154
SVA-S/L, ST/LT, HS	80	50	148B6155
SVA-S/L, ST/LT, HS	100	51	148B6156
SVA-140B	50-100	52	See page 48
SVA-S/L, ST/LT, HS	125	52	148B6157
SVA-S/L, ST/LT, HS	150	53	148B6158
SVA-S/L, ST/LT, HS	200	54	148B6472

Inspection kits:

Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size.

For detailed content, see specific pages.

Repair kits:

Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size along with a complete packing gland.

For detailed content, see specific pages.

Overhaul kits:

Contain all gaskets, O-rings and aluminium rings belonging to indicated valve type and valve size and, where applicable, complete packing gland and parts that could be damaged or worn out. For detailed content, see specific pages.

Valve type	Size	See details on page #	Code no.
Overhaul kits			
SCA / X	15-20	55	148B6160
SCA / X	25-40	56	148B6161
SCA / X	50	57	148B6162
SCA / X	65	58	148B6163
SCA / X	80	59	148B6164
SCA / X	100	60	148B6165
SCA / X	125	61	148B6166
CHV / X	15-20	62	148B6167
CHV / X	25-40	63	148B6168
CHV / X	50	64	148B6169
CHV / X	65	65	148B6170
CHV / X	80	66	148B6171
CHV / X	100	67	148B6172
CHV / X	125	68	148B6173
REG-SA/SB	10	69	148B6174
REG-SA/SB	15-20	70	148B6175
REG-SA/SB	25-40	71	148B6176
REG-SA/SB	50	72	148B6177
REG-SA/SB	65	73	148B6178

Accessories

Cap incl. gasket	74	
Hand wheel incl. nut and washer		
Spring for stop/check and check valves		
Gasket for housing/top cover		
Grease for packing gland		

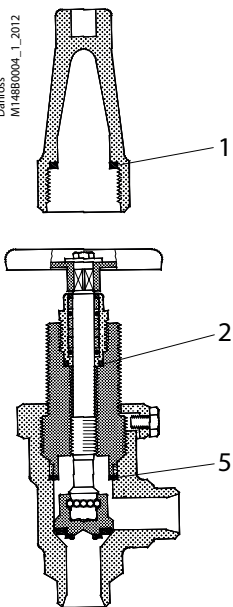
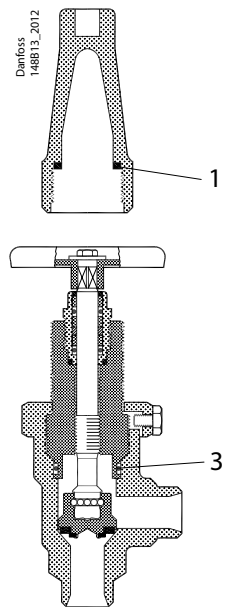
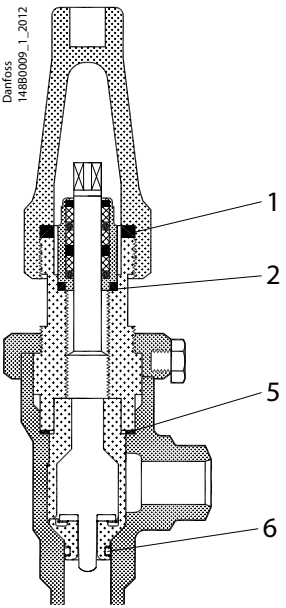
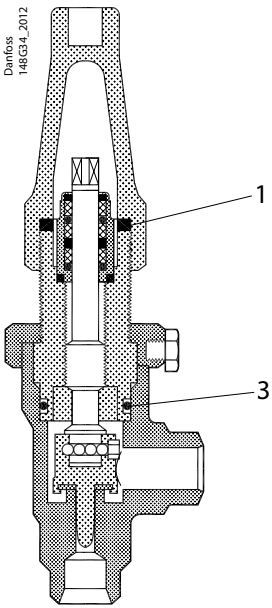
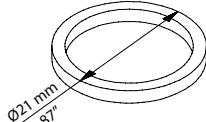
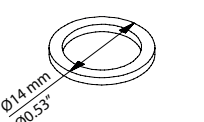
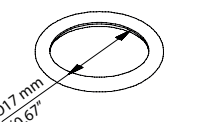
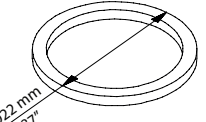
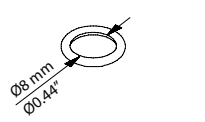
For REG valves with the previous cone design please refer to the spare part sheets AI177586420035en-000301.

All kits are also suitable for the stainless steel versions of the products.
For the Flexline™ products the alternative for the overhaul kit could be the standard top part from the parts programme.
Please refer to the technical brochures of the individual Flexline™ products.

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6050

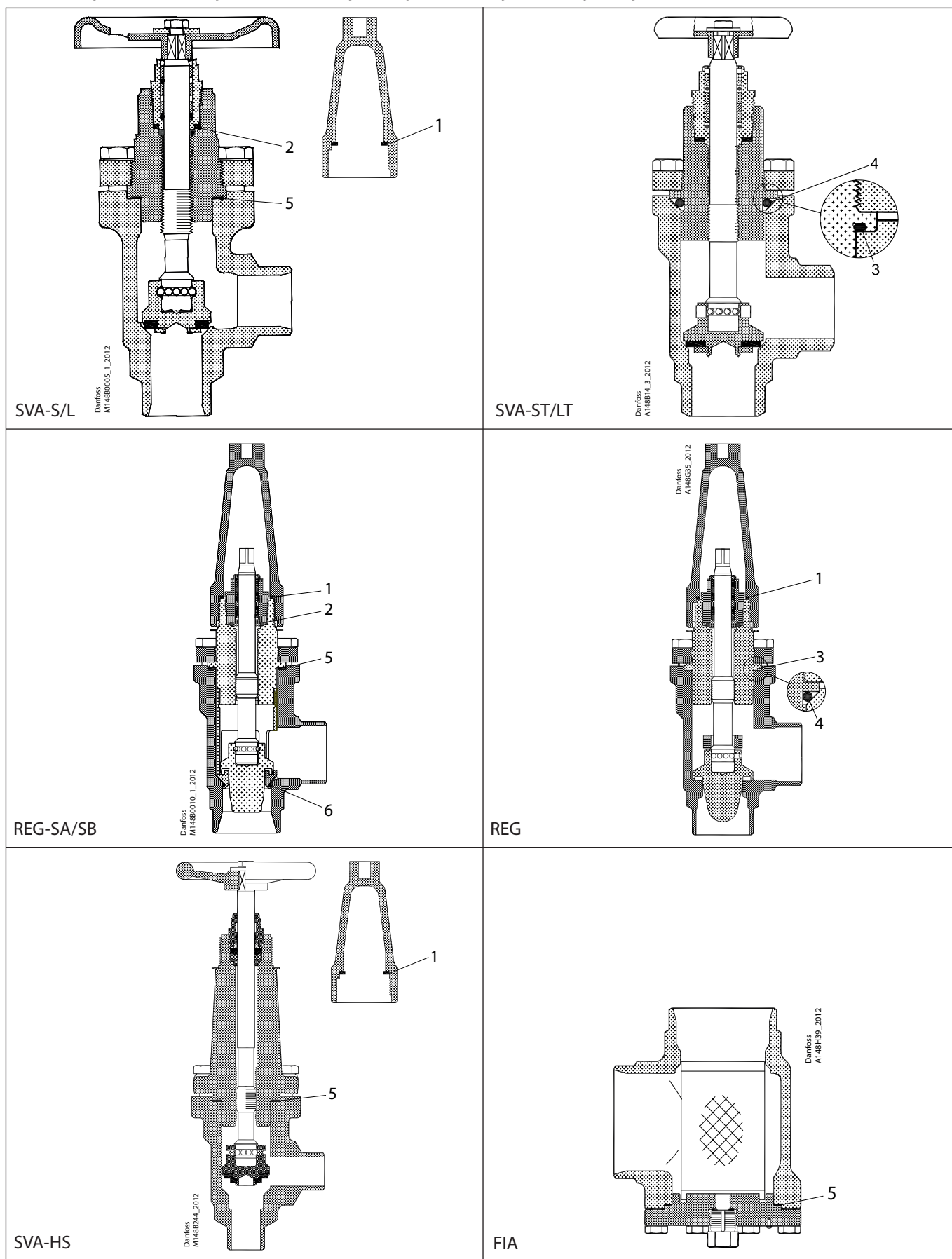
SVA-S/L, SVA-ST/LT sizes 6 to 10, REG-SA/SB, REG size 10

Danfoss M148B0004_1_2012  SVA-S/L	Danfoss 148B13_2012  SVA-ST/LT			
Danfoss 148B0009_1_2012  REG-SA/SB	Danfoss 148G14_2012  REG			
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  = Alu.  Total no. = 1	5  = Alu.  Total no. = 1	6  = Alu.  Total no. = 1

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6051

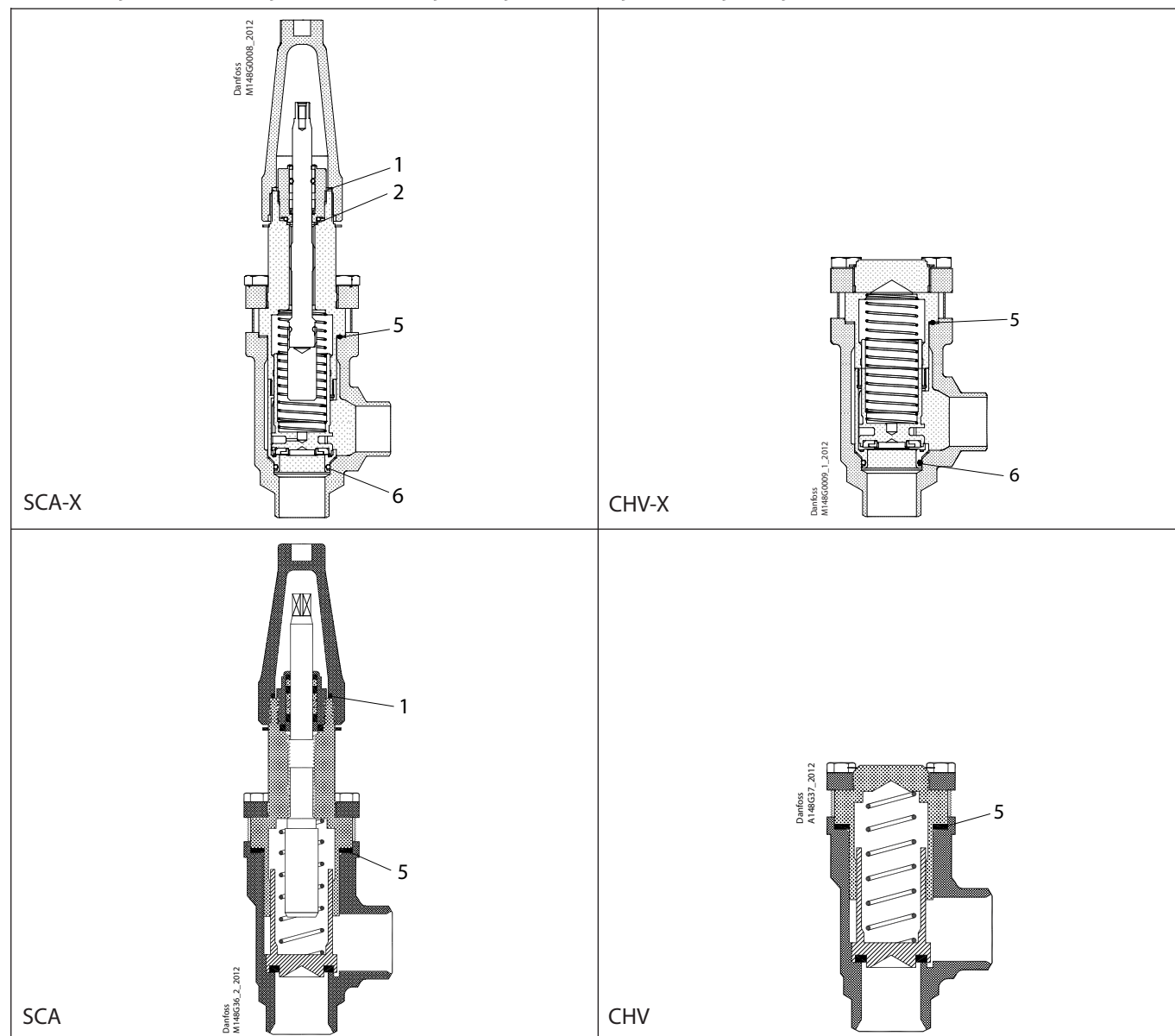
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 15 - 20



Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6051

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 15 - 20

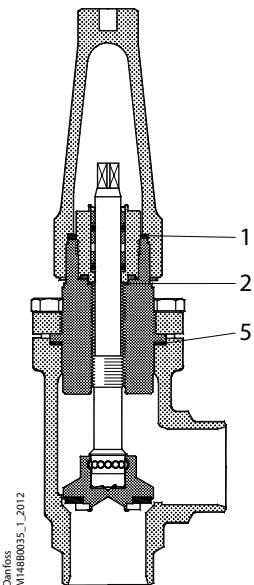
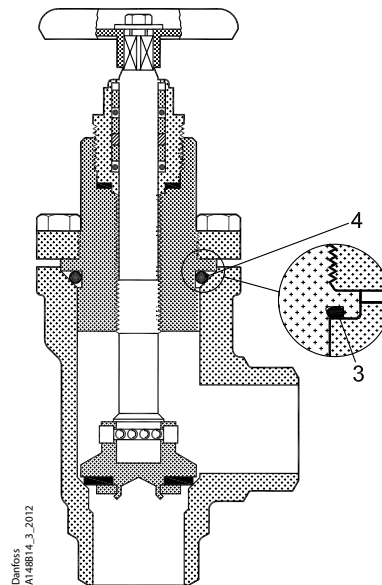
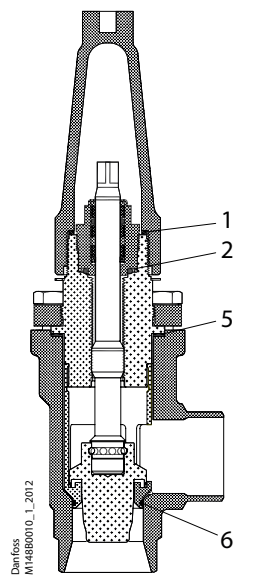
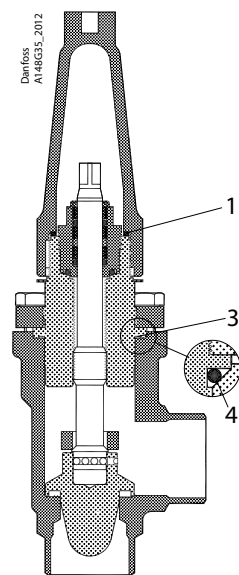
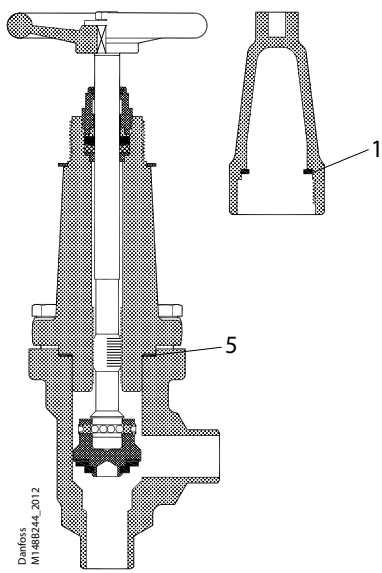
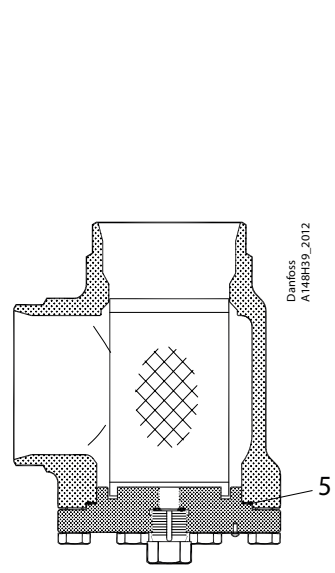


1 = Nylon $\varnothing 28 \text{ mm}$ $\varnothing 1.1''$ Total no. = 1	2 = Alu. $\varnothing 18 \text{ mm}$ $\varnothing 0.69''$ Total no. = 1	3 = Alu. $\varnothing 27 \text{ mm}$ $\varnothing 1.06''$ Total no. = 1	4 = Alu. $\varnothing 23 \text{ mm}$ $\varnothing 0.91''$ Total no. = 1	5 = Fibre $\varnothing 39 \text{ mm}$ $\varnothing 1.55''$ Total no. = 1
6 = Alu. $\varnothing 17 \text{ mm}$ $\varnothing 0.67''$ Total no. = 1				

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6052

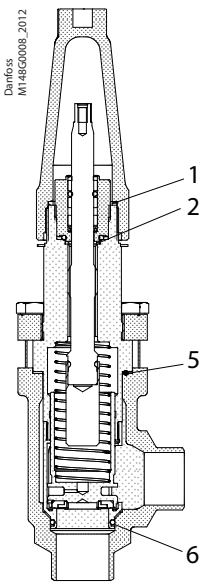
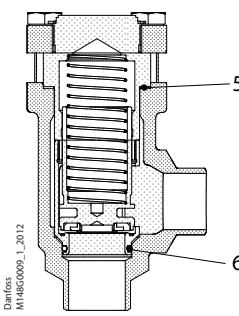
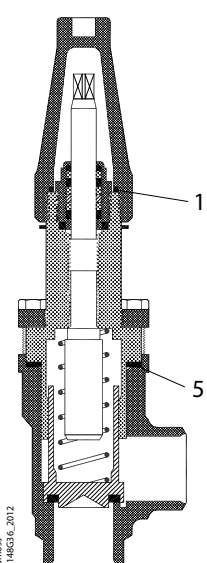
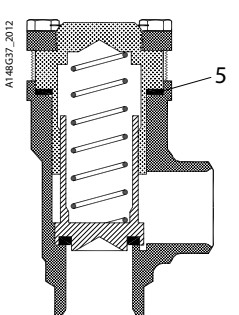
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 25-40

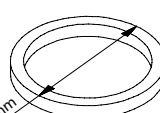
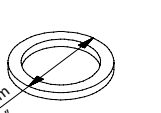
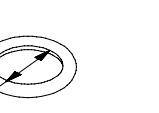
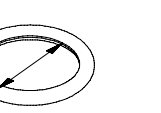
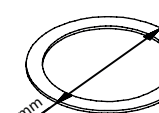
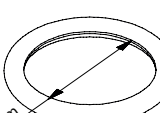
 SVA-S/L	 SVA-ST/LT
 REG-SA/SB	 REG
 SVA-HS	 FIA

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6052

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X sizes 25-40

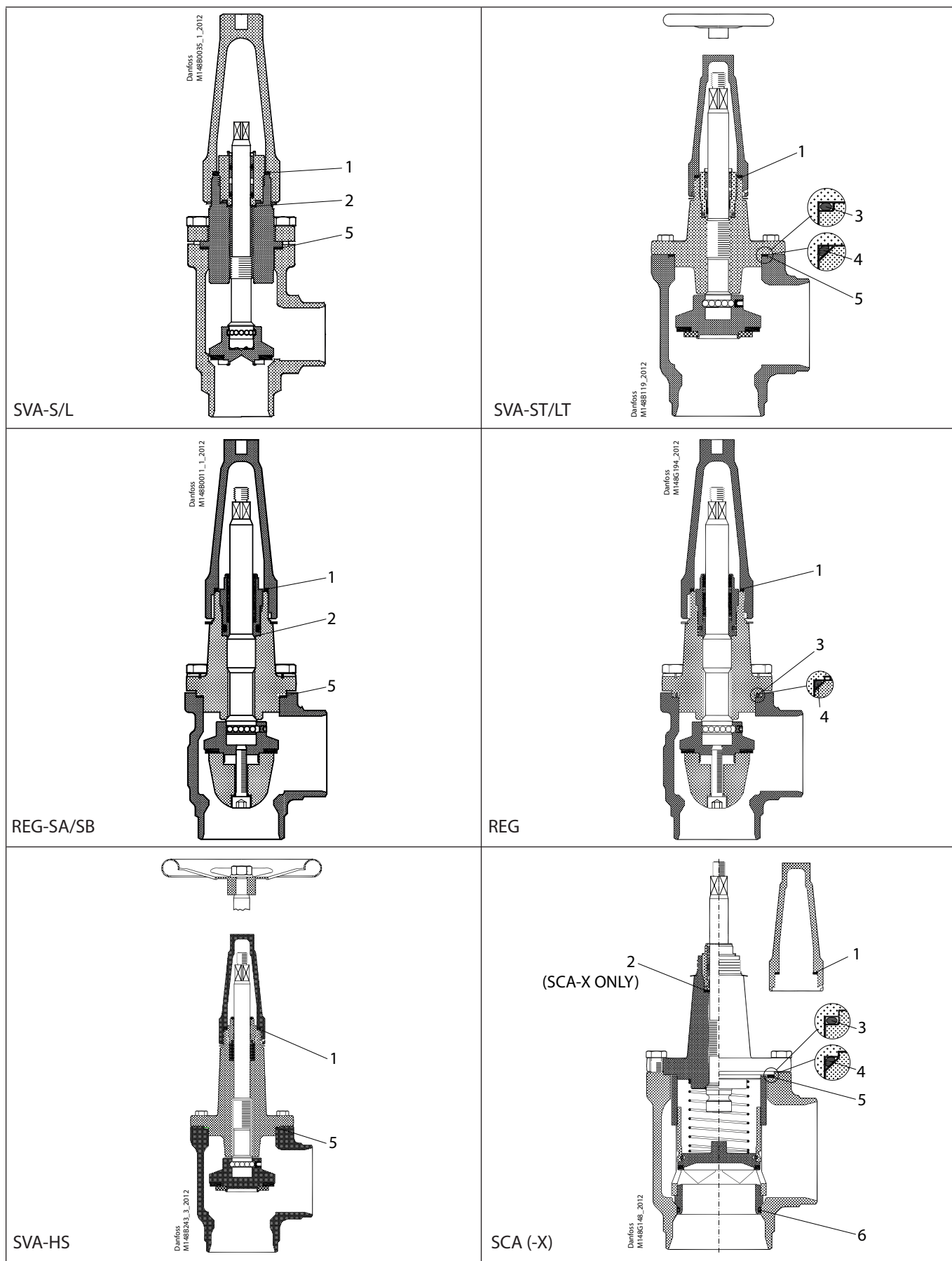
 SCA-X	 CHV-X
 SCA	 CHV

1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	4   Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1				

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6053

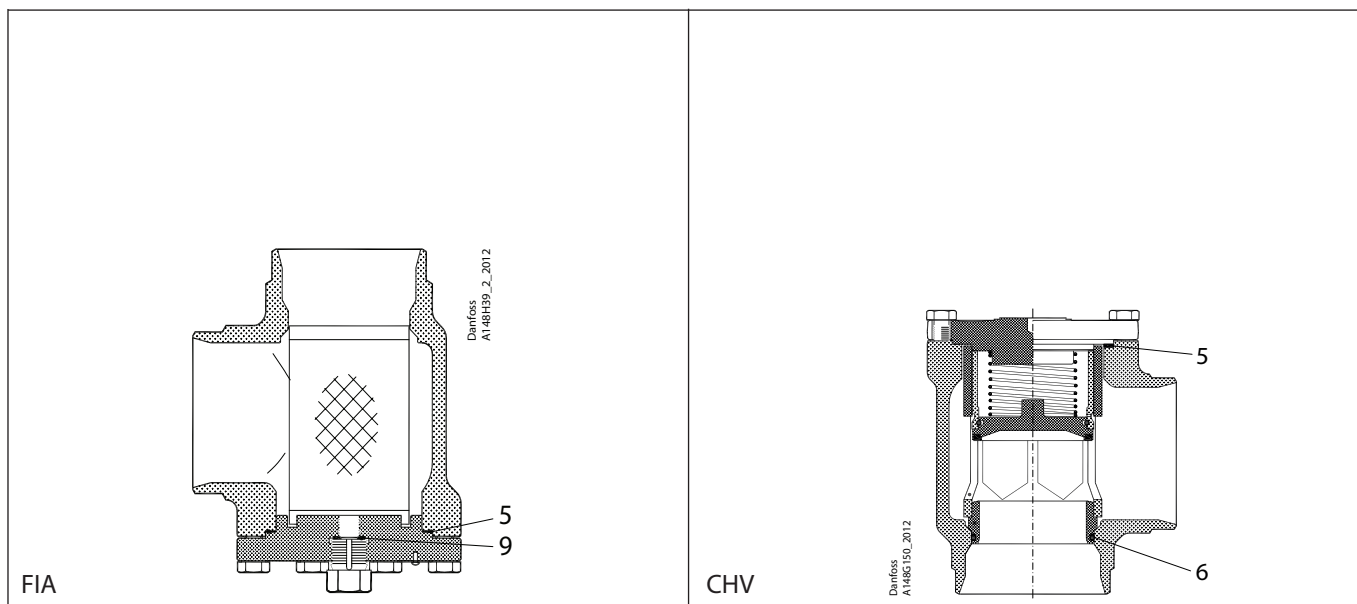
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 50

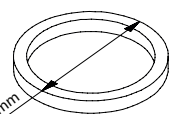
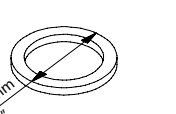
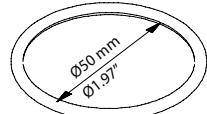
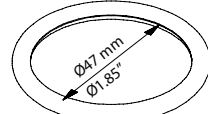
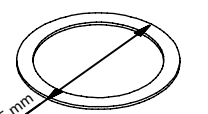
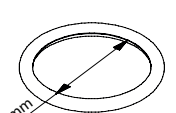


Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6053

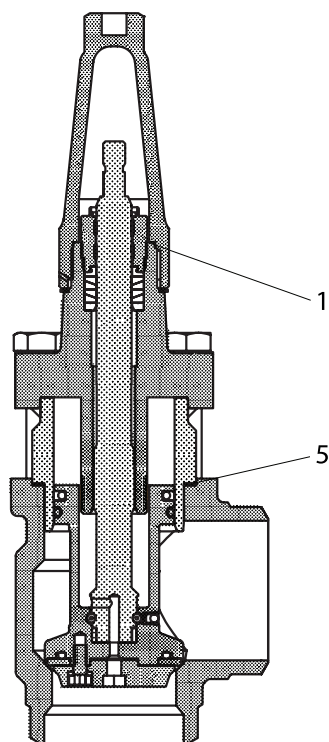
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 50



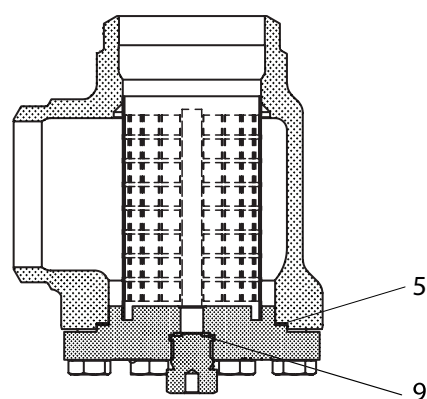
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	4   Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	9  = Alu.  Total no. = 1			

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6849
SVA-140B, FIA-140B size 50/65



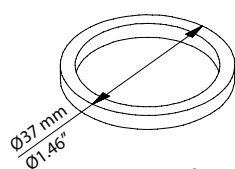
SVA-140B



FIA-140B

1

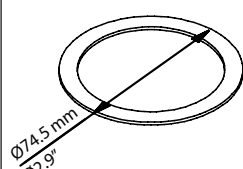
 = Nylon



Total no. = 1

5

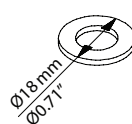
 = Fibre



Total no. = 1

9

 = Alu.

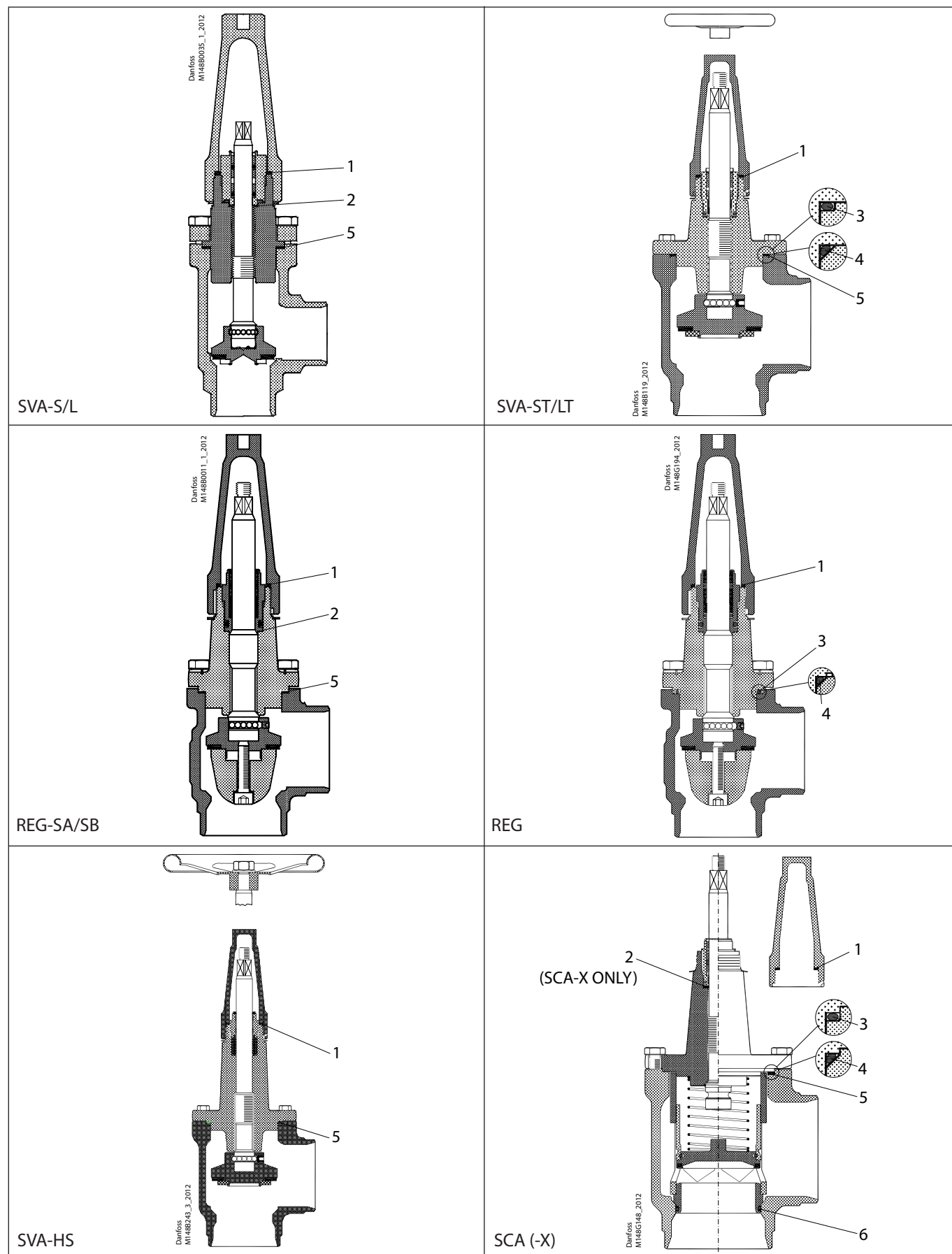


Total no. = 1

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6054

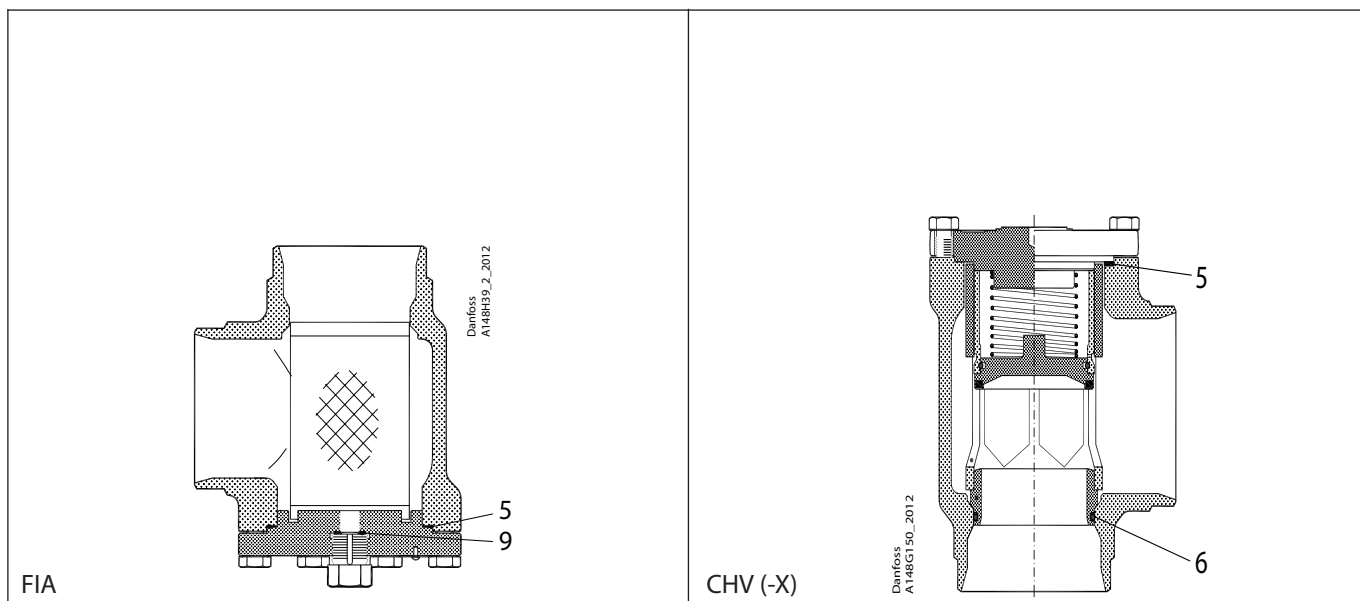
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 65

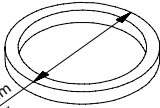
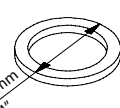
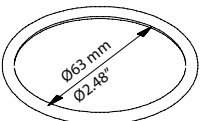
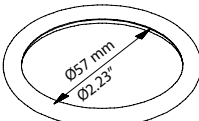
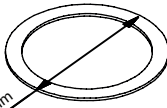
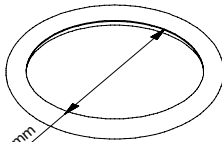


Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6054

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, FIA, CHV/X size 65

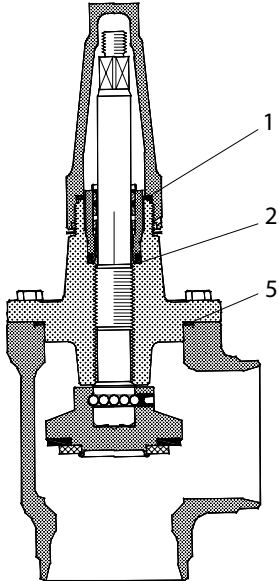
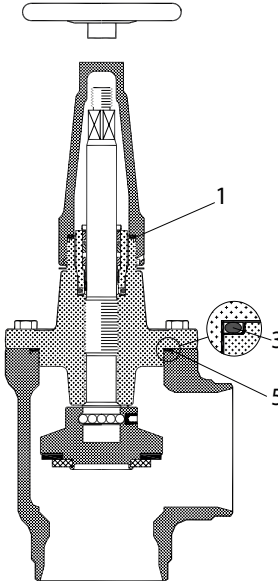
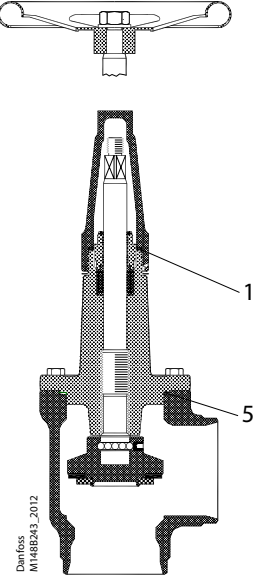
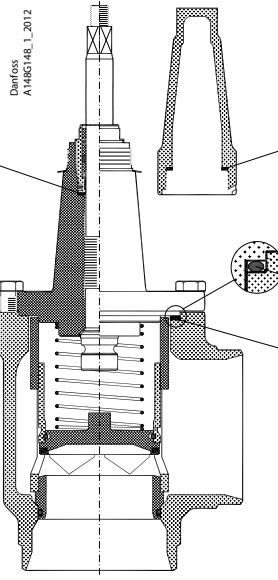
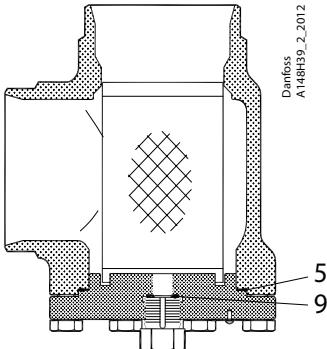
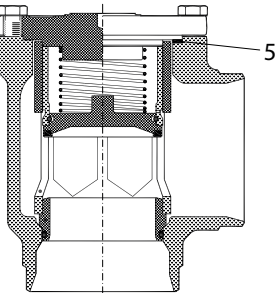


1 ▨ = Nylon  Total no. = 1	2 ▨ = Alu.  Total no. = 1	3 ▨  Total no. = 1	4 ▨  Total no. = 1	5 ▨ = Fibre  Total no. = 1
6 ▨  Total no. = 1	9 ▨ = Alu.  Total no. = 1			

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6055

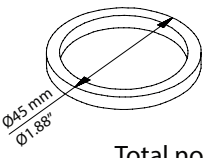
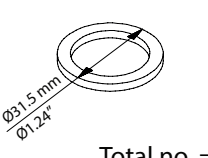
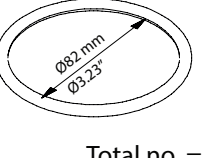
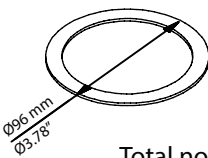
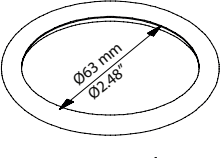
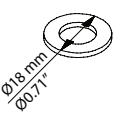
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 80

 SVA-S/L Danfoss M148B007_1_2012	 SVA-ST/LT Danfoss 148B119_2_2012
 SVA-HS Danfoss M148B243_2012	 SCA (-X) Danfoss A148G148_1_2012
 FIA Danfoss A148B99_2_2012	 CHV Danfoss A148G150_2_2012

Data sheet – Spare parts and accessories

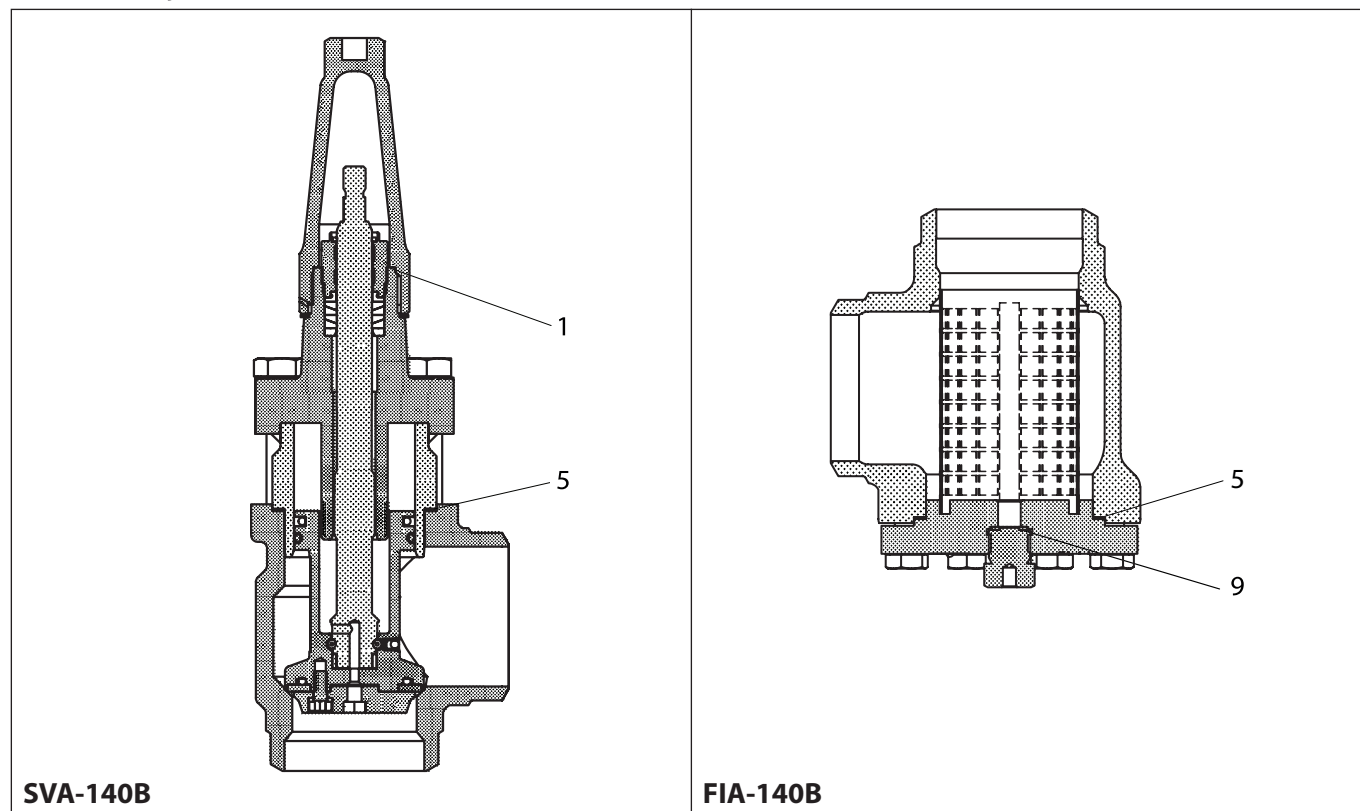
Inspection kit | Code number 148B6055

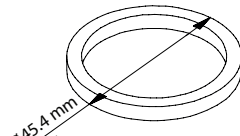
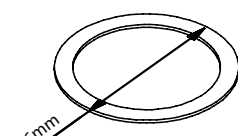
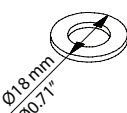
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 80

1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1
9  = Alu.  Total no. = 1				

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6850
SVA-140B, FIA-140B size 80

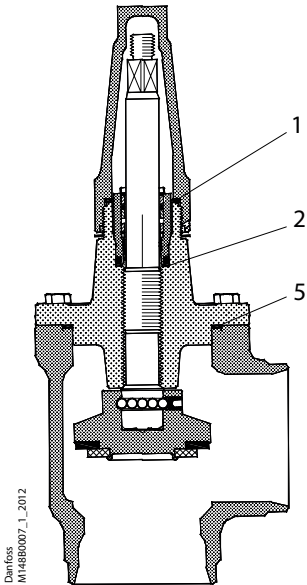
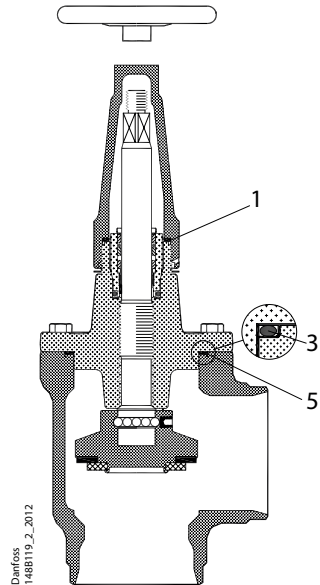
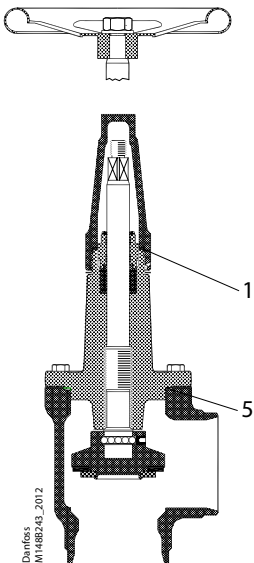
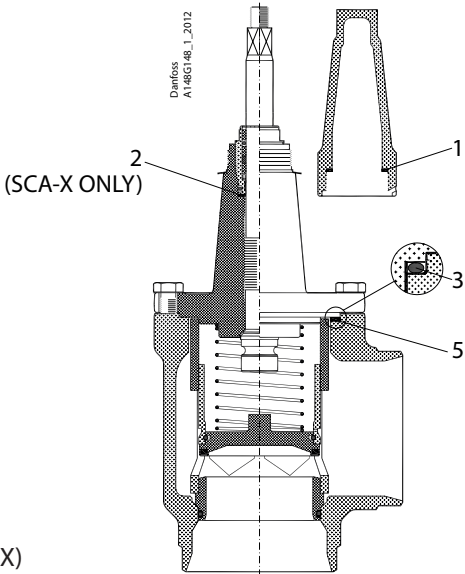
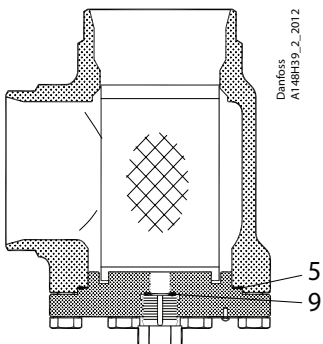
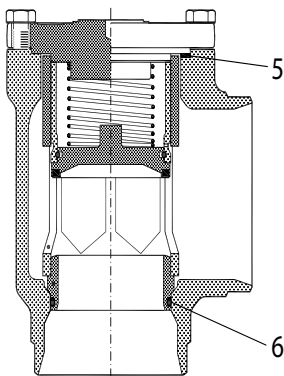


1  = Nylon  Total no. = 1	5  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1
---	--	---

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6056

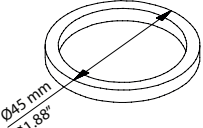
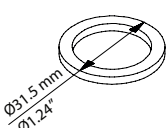
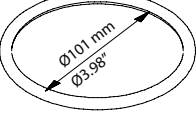
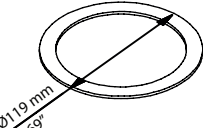
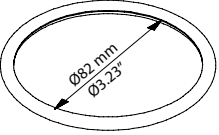
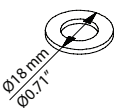
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 100

 SVA-S/L Danfoss M148B007_1_2012	 SVA-ST/LT Danfoss 148B119_2_2012
 SVA-HS Danfoss M148B248_2012	 SCA (-X) Danfoss A148G146_1_2012
 FIA Danfoss A148H39_2_2012	 CHV (-X) Danfoss A148G150_2012

Data sheet – Spare parts and accessories

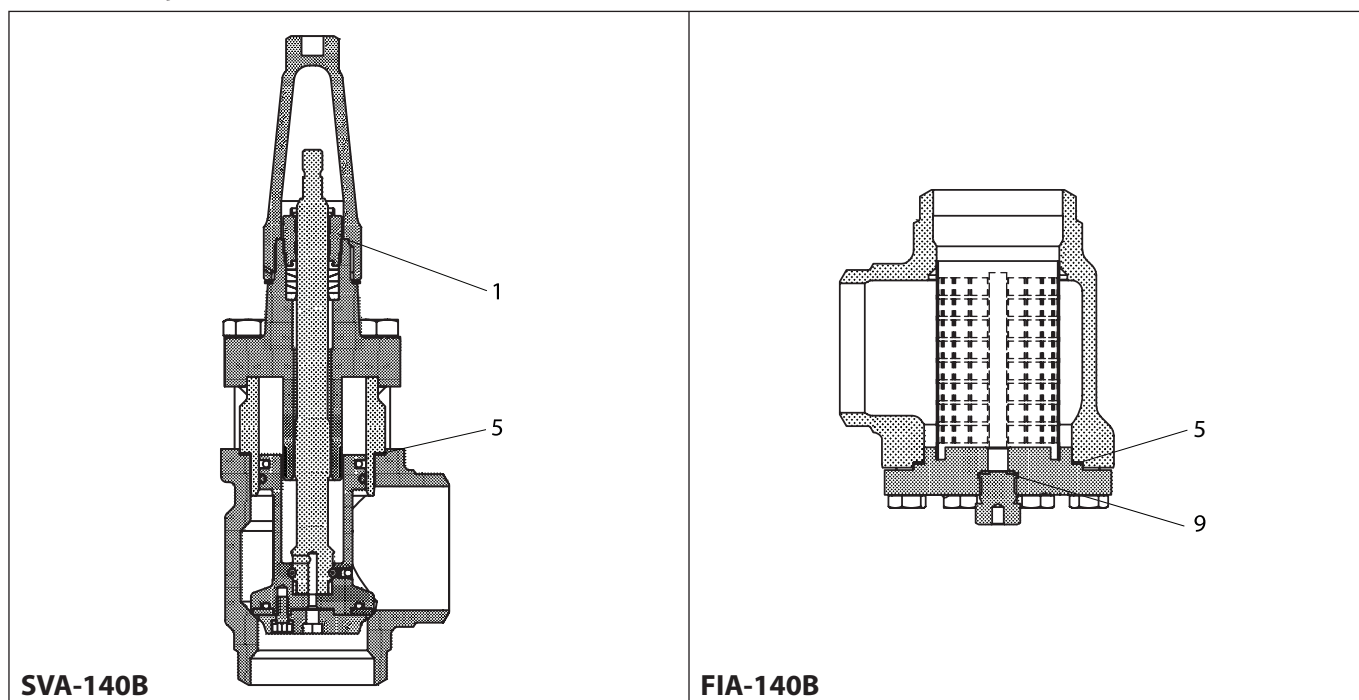
Inspection kit | Code number 148B6056

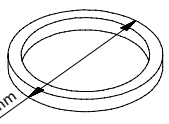
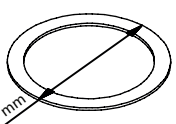
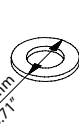
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 100

1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1
9  = Alu.  Total no. = 1				

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6851
SVA-140B, FIA-140B size 100

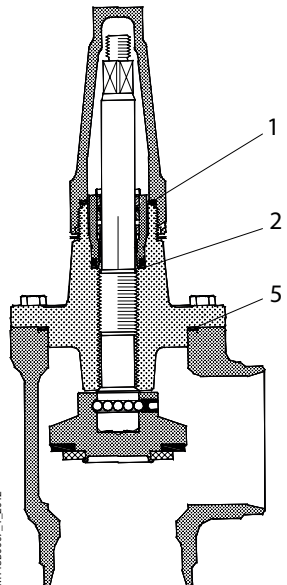
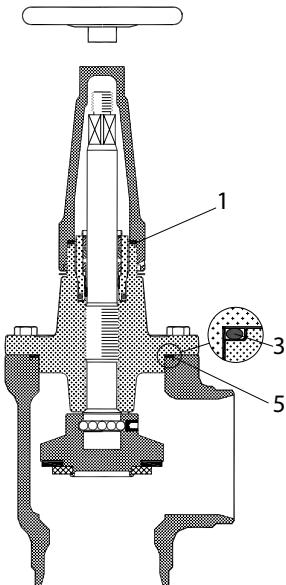
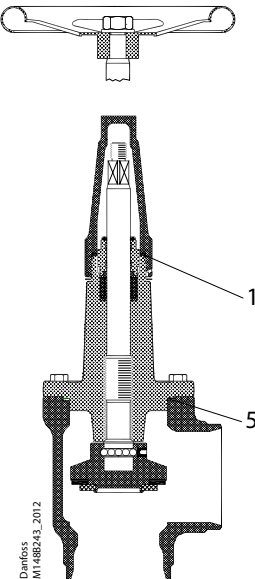
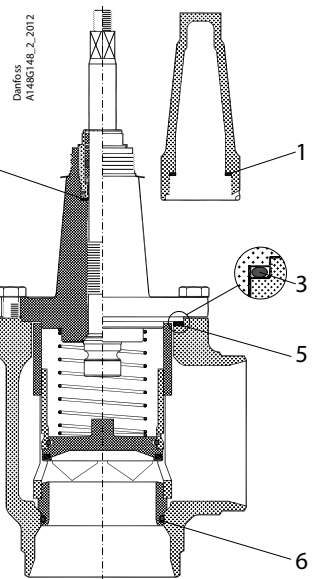
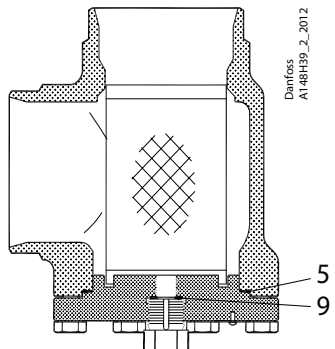
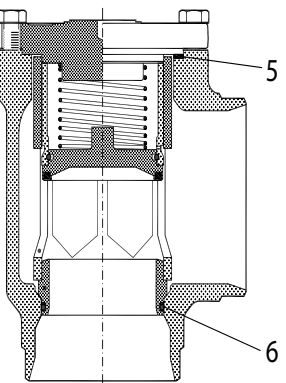


1  = Nylon  Ø45.4 mm Ø1.8" Total no. = 1	5  = Fibre  Ø118.9 mm Ø4.7" Total no. = 1	9  = Alu.  Ø18 mm Ø0.71" Total no. = 1
---	--	---

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6057

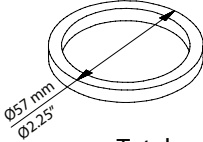
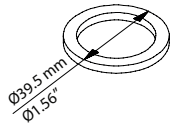
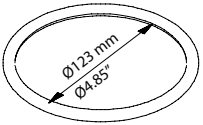
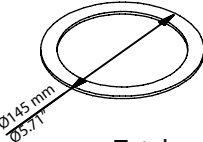
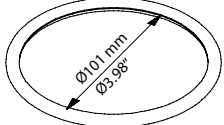
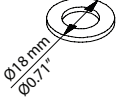
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 125

 SVA-S/L Danfoss M148B007_1_2012	 SVA-ST/LT Danfoss 148B119_1_2012
 SVA-HS Danfoss M148B243_2012	 SCA (-X) Danfoss A148G148_2_2012
 FIA Danfoss A148H199_2_2012	 CHV (-X) Danfoss A148G150_2012

Data sheet – Spare parts and accessories

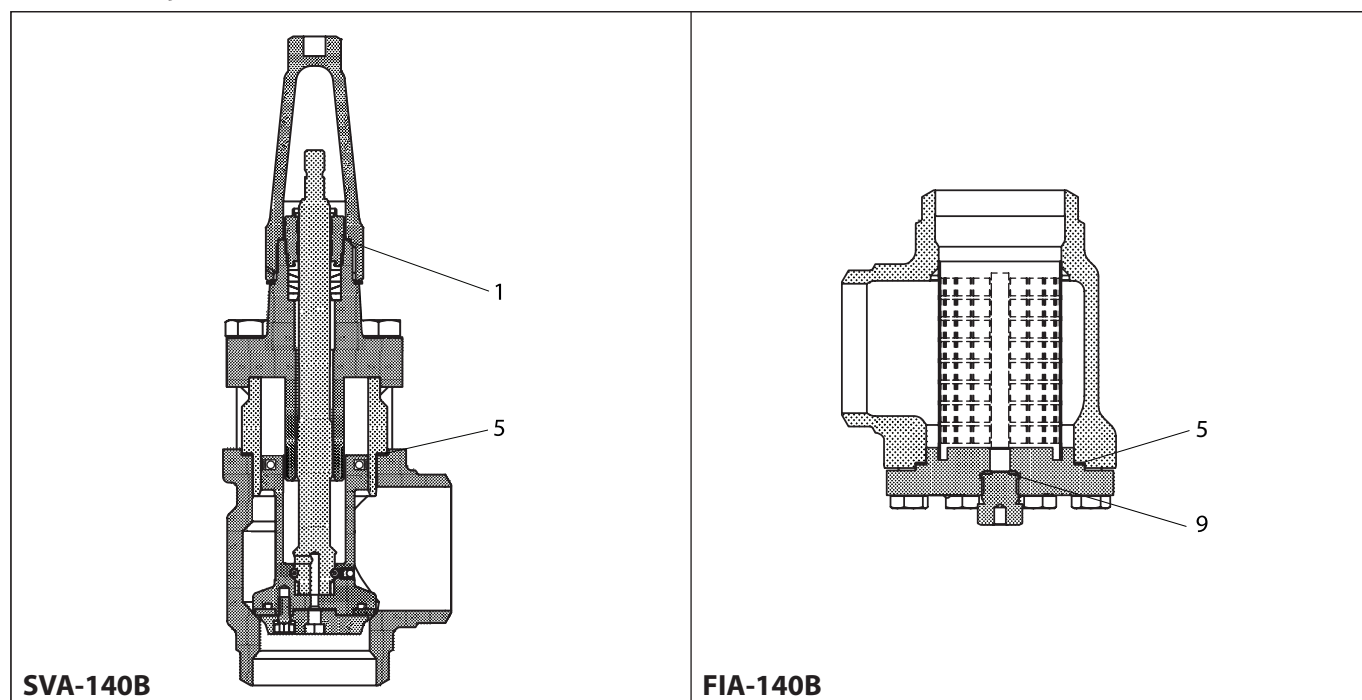
Inspection kit | Code number 148B6057

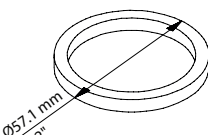
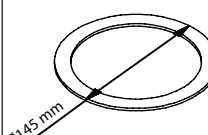
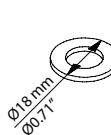
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X, FIA, CHV/X size 125

1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1
9  = Alu.  Total no. = 1				

Data sheet – Spare parts and accessories

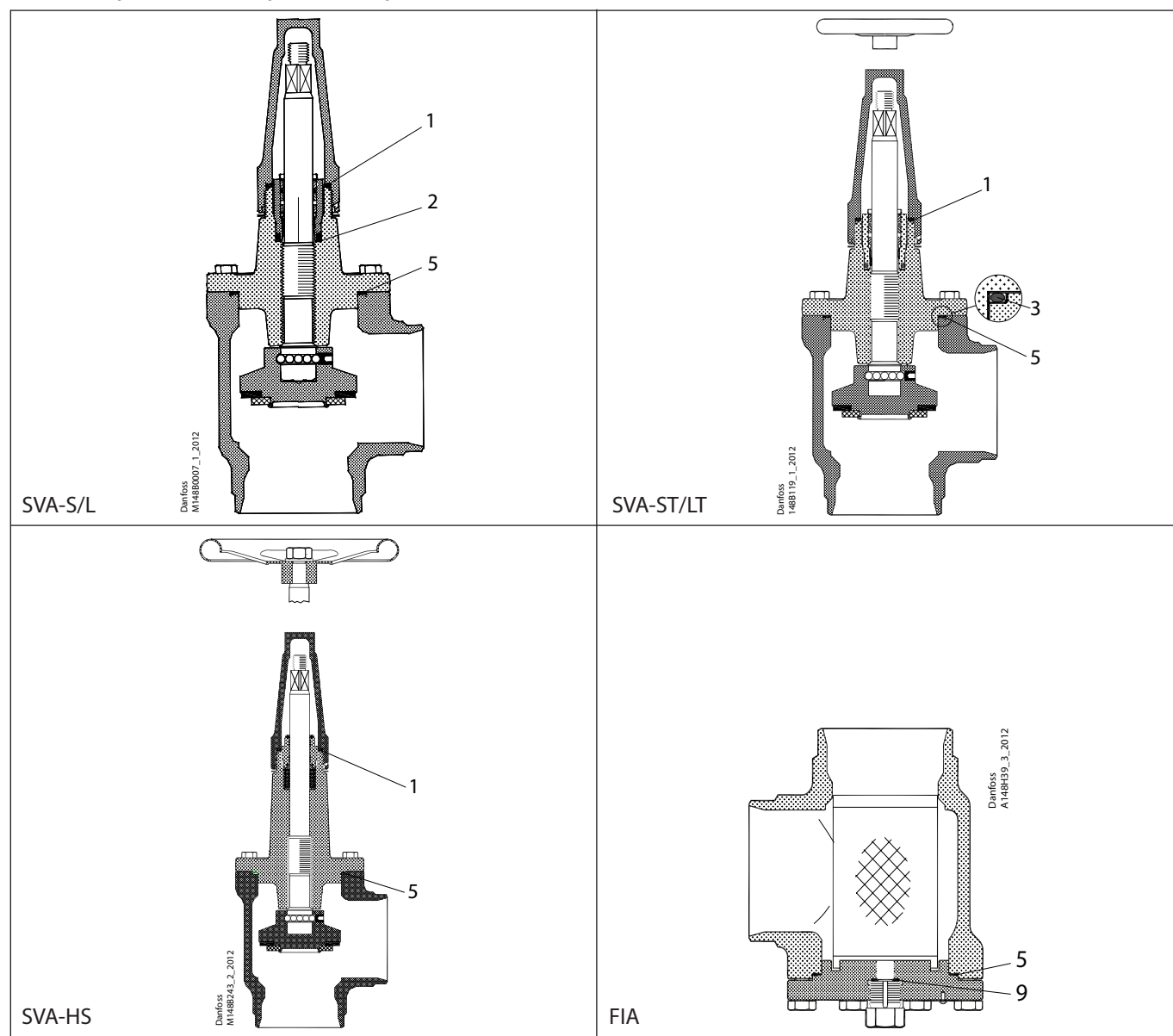
Inspection kit | Code number 148B6941
SVA-140B, FIA-140B size 125



1  = Nylon  Total no. = 1	5  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1
---	---	--

Data sheet – Spare parts and accessories

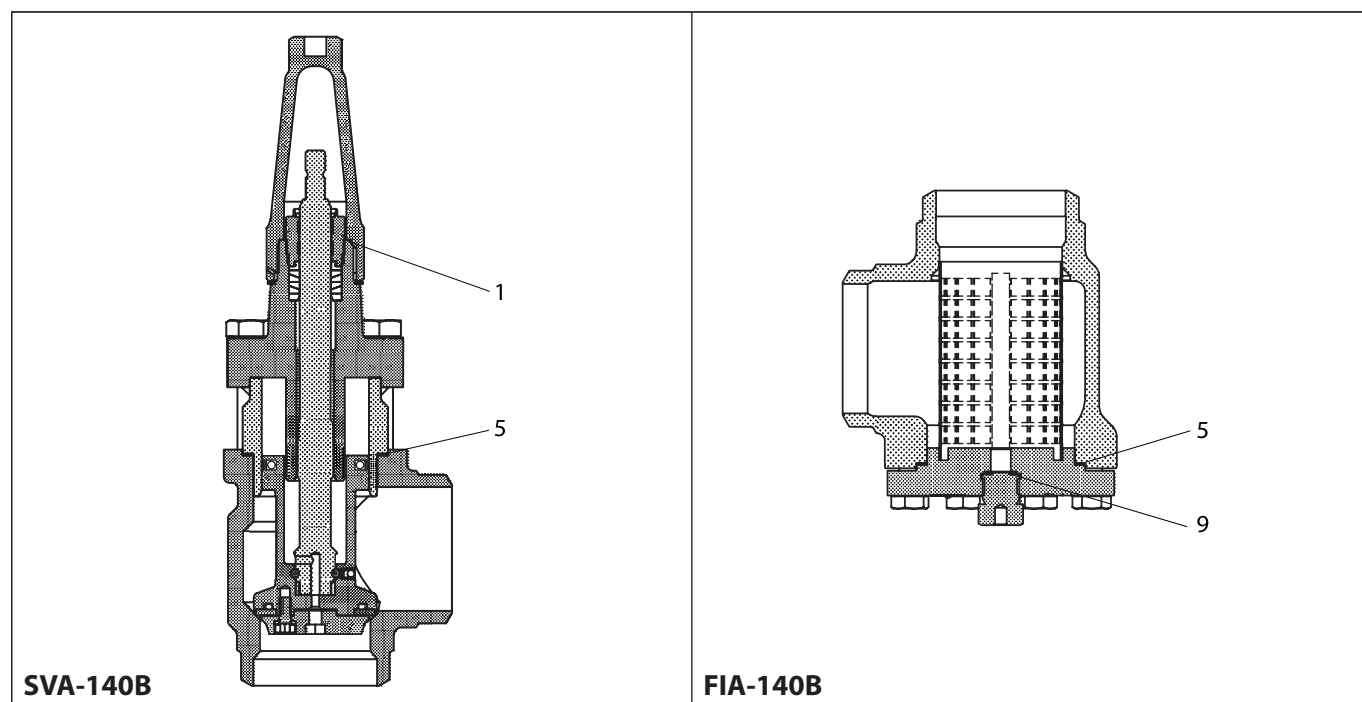
Inspection kit | Code number 148B6058
SVA-S/L, SVA-ST/LT, SVA-HS, FIA size 150



1 = Nylon $\varnothing 57 \text{ mm}$ $\varnothing 2.25''$ Total no. = 1	2 = Alu. $\varnothing 39.5 \text{ mm}$ $\varnothing 1.56''$ Total no. = 1	3 = Alu. $\varnothing 1.48 \text{ mm}$ $\varnothing 5.85''$ Total no. = 1	5 = Fibre $\varnothing 170 \text{ mm}$ $\varnothing 6.7''$ Total no. = 1	9 = Alu. $\varnothing 18 \text{ mm}$ $\varnothing 0.71''$ Total no. = 1
--	---	---	--	---

Data sheet – Spare parts and accessories

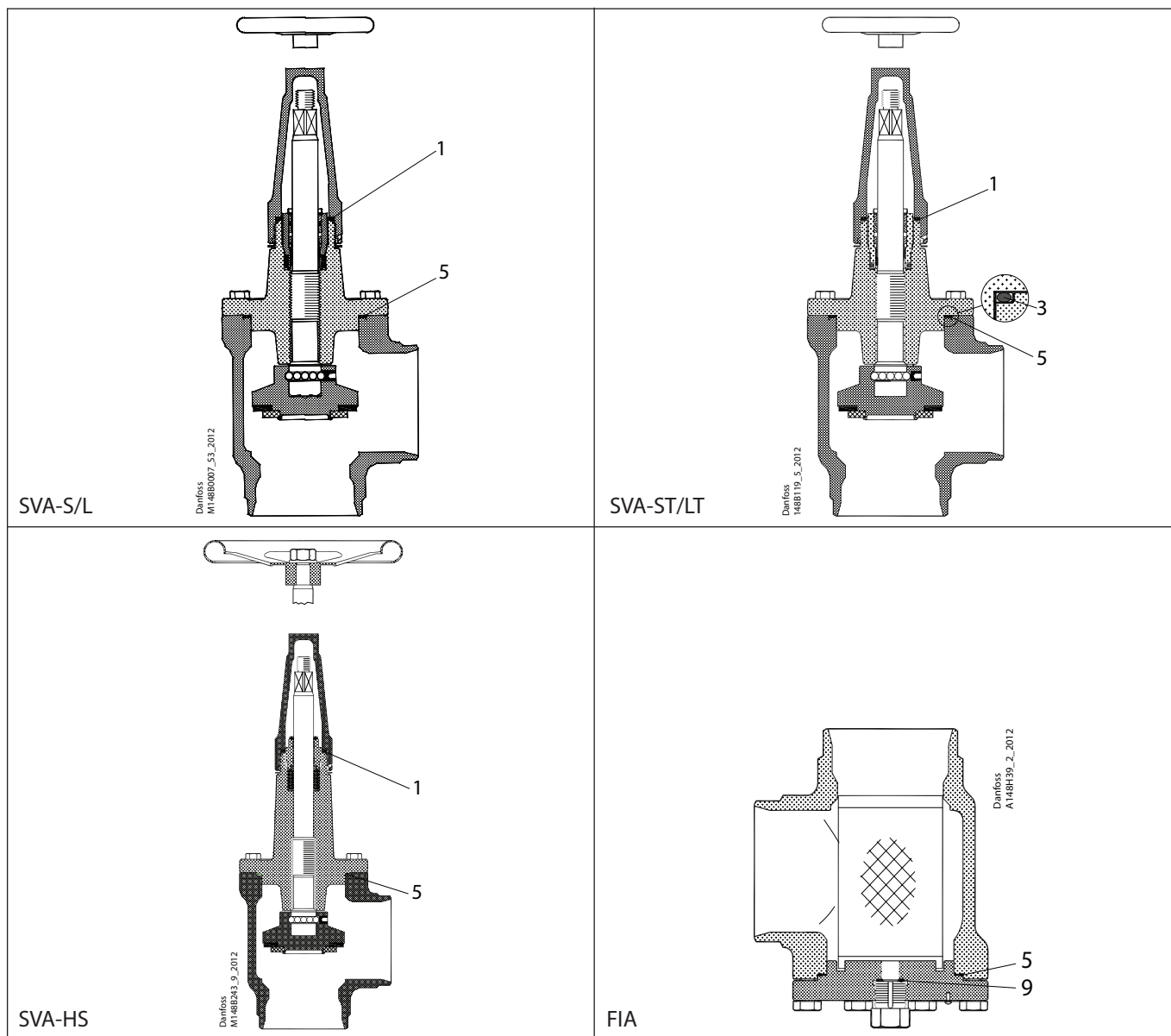
Inspection kit | Code number 148B6942
SVA-140B, FIA-140B size 150



1 ▨ = Nylon Ø57.1 mm Ø2.2 mm Total no. = 1	5 ▨ = Fibre Ø151.4 mm Ø6 mm Total no. = 1	9 ▨ = Alu. Ø18 mm Ø0.71 mm Total no. = 1
---	--	---

Data sheet – Spare parts and accessories

Inspection kit | Code number 148B6059
SVA-S/L, SVA-ST/LT, SVA-HS, FIA size 200

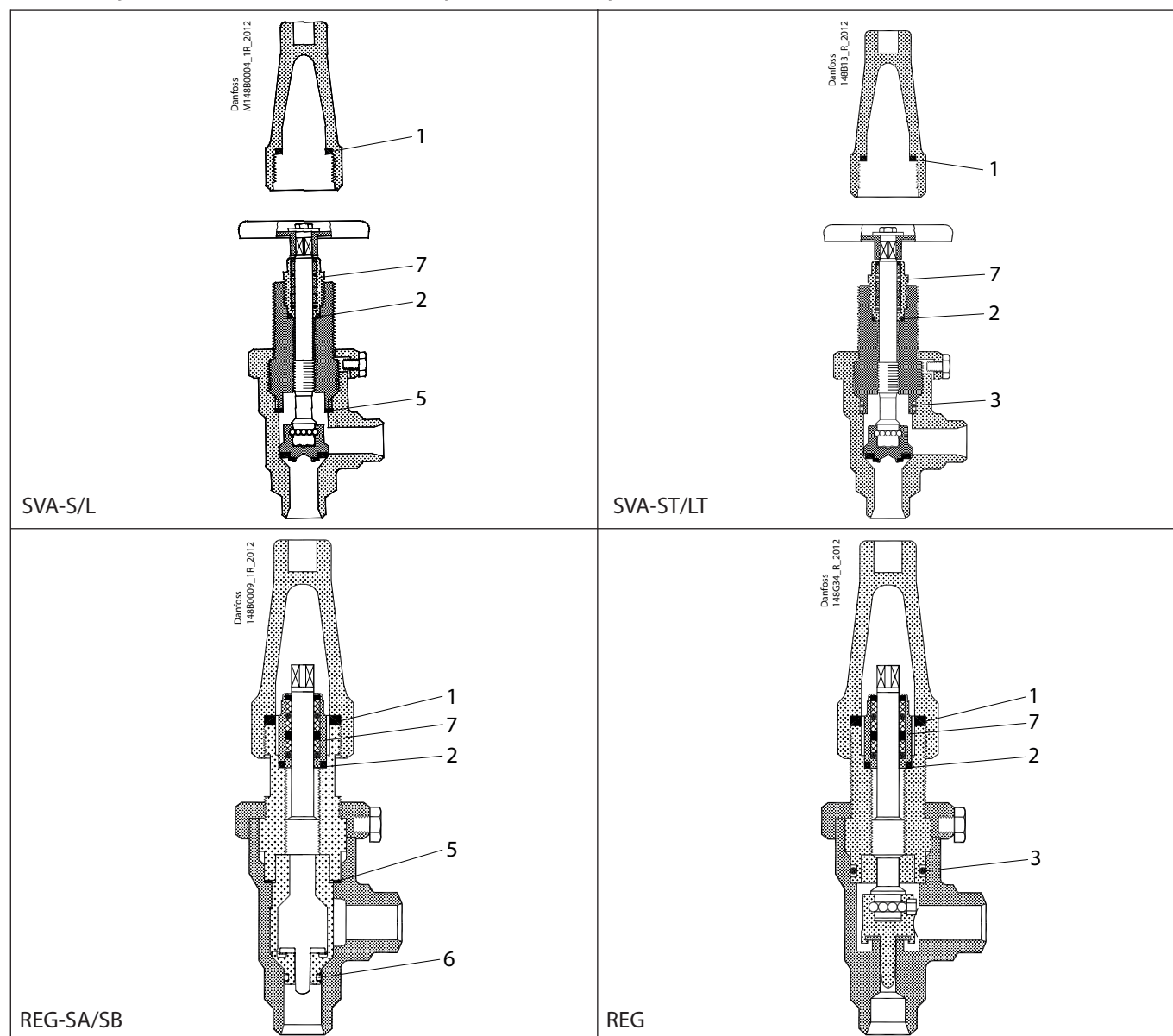


1 = Nylon Total no. = 1	3 = Seal ring Total no. = 1	5 = Fibre Total no. = 1	9 = Alu. Total no. = 1	
--	--	--	---	--

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6060

SVA-S/L, SVA-ST/LT sizes 6 to 10, REG-SA/SB, REG size 10



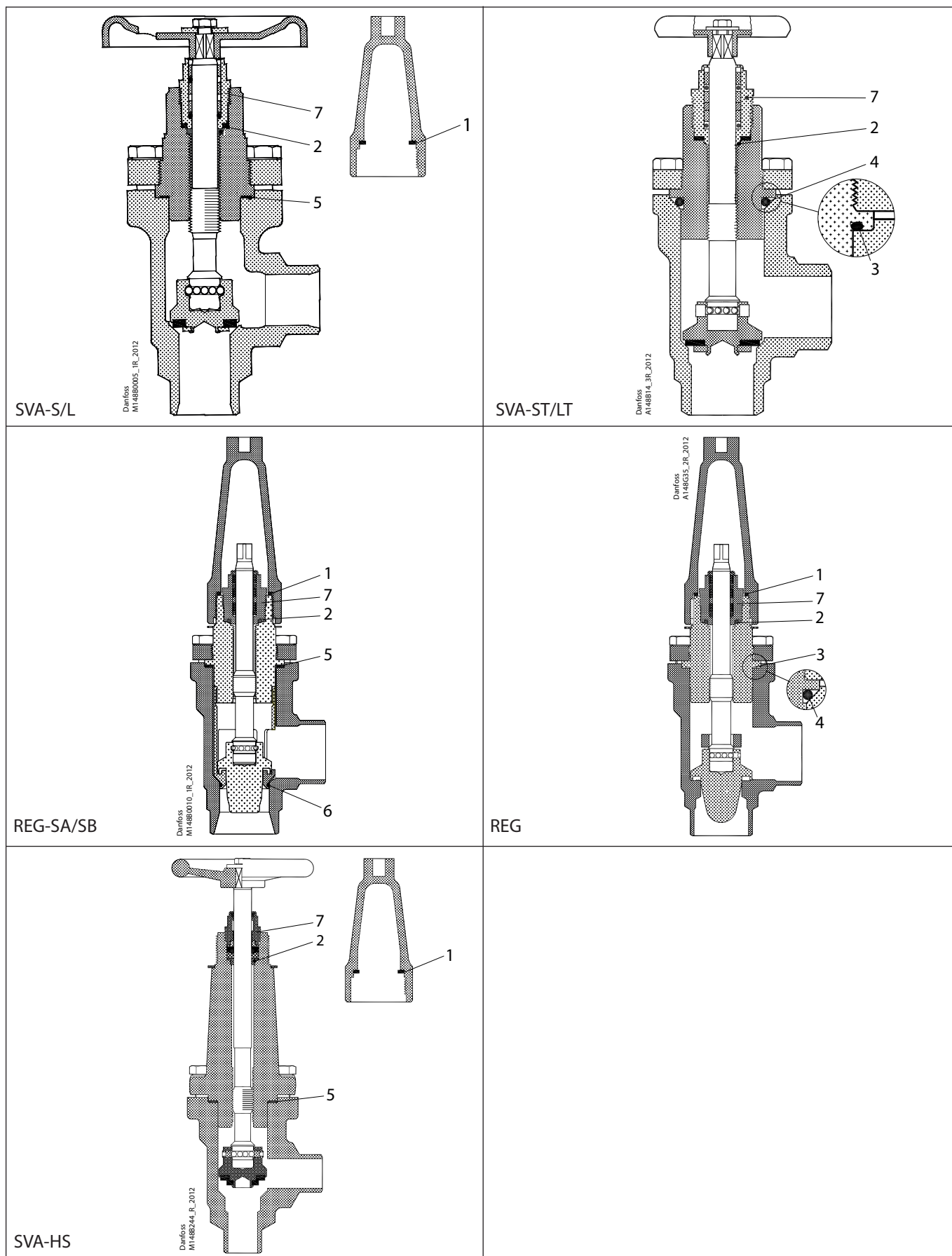
1 ▨ = Nylon Total no. = 1	2 ▨ = Alu. Total no. = 1	3 ▨ Total no. = 1	5 ▨ = Alu. Total no. = 1	6 ▨ Total no. = 1
7 Total no. = 1				

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6061

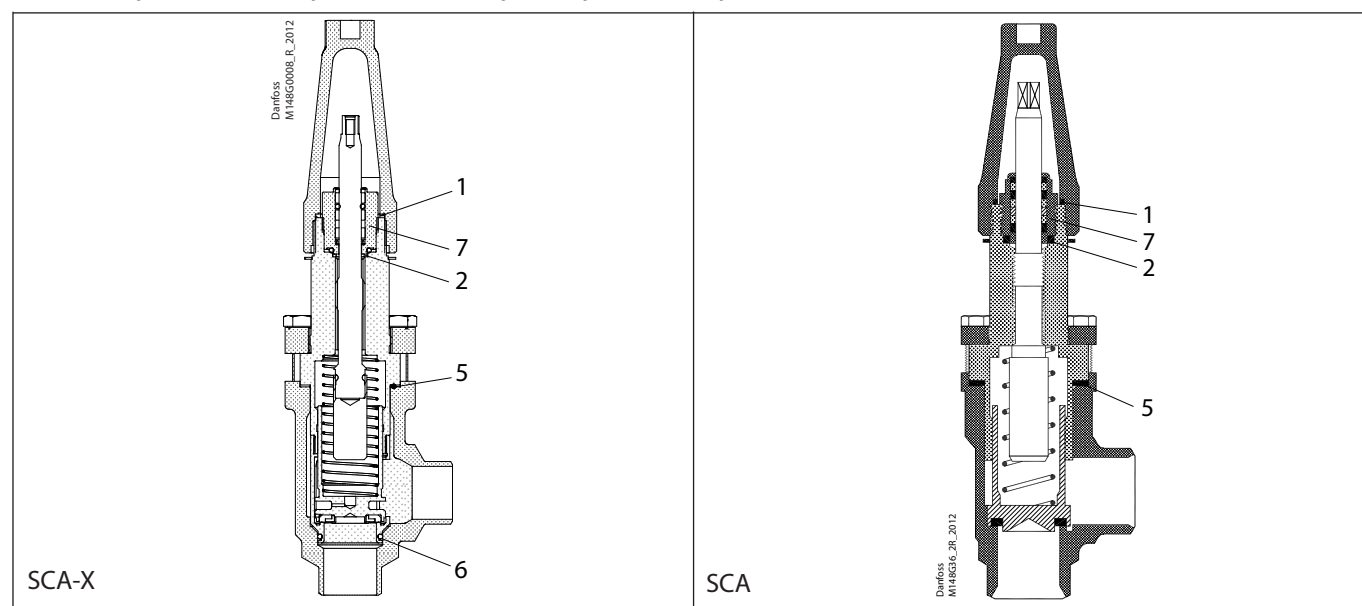
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 15 - 20



Data sheet – Spare parts and accessories

Repair kit | Code number 148B6061

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 15 - 20



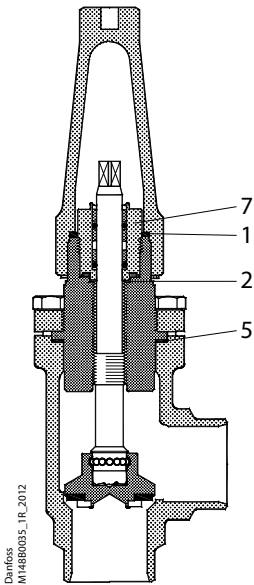
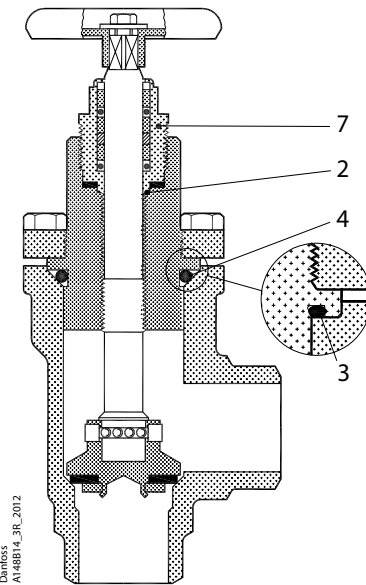
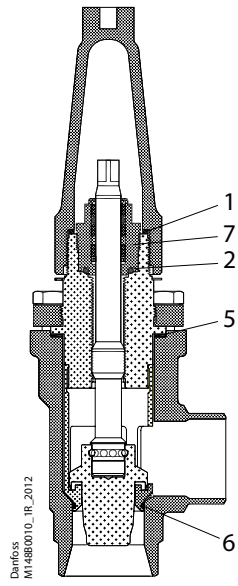
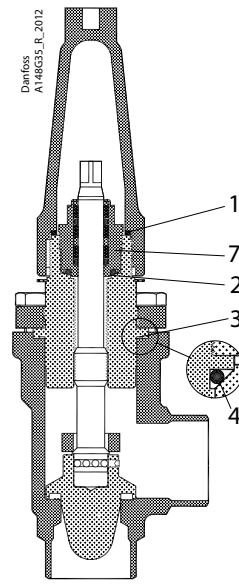
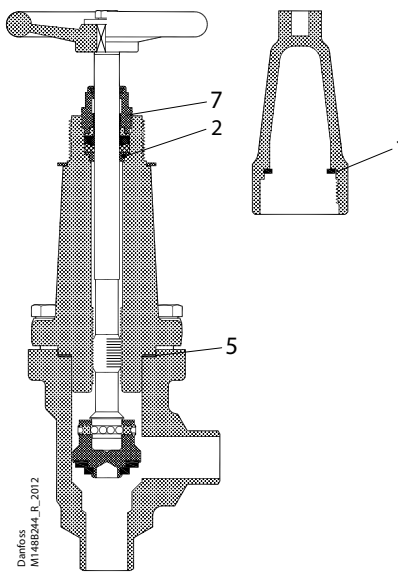
1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 = Fibre Total no. = 1
6 Total no. = 1	7 Total no. = 1			

NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/SB, REG, SCA or SCA-X the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6062

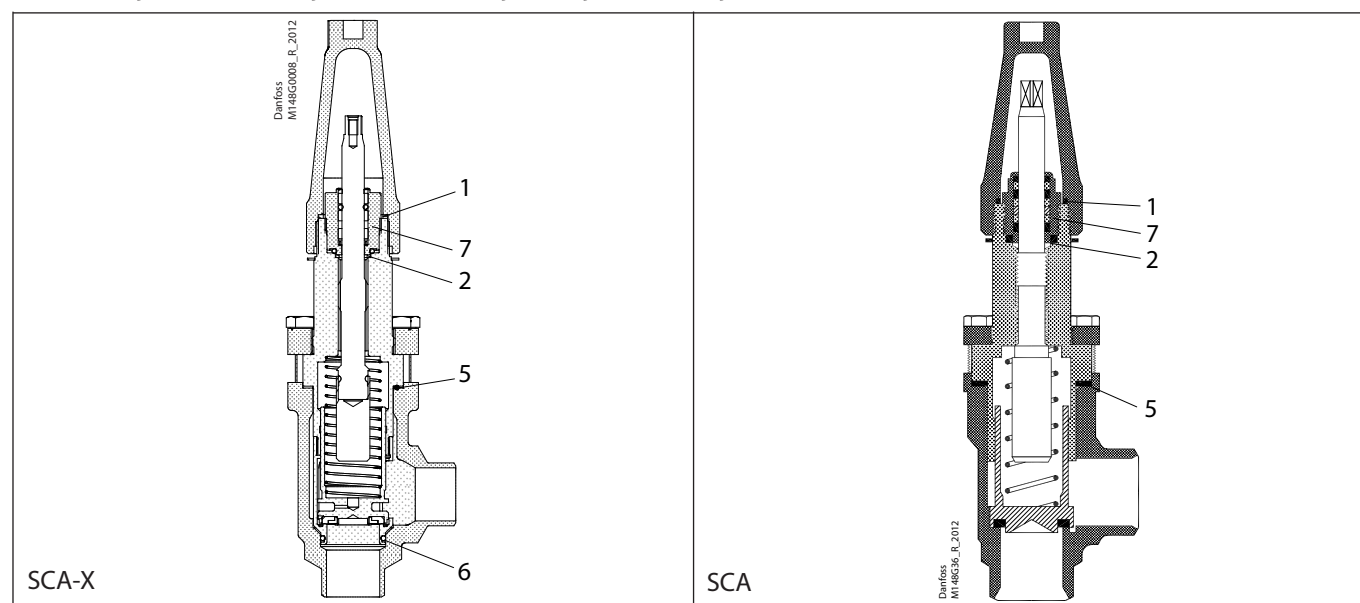
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 25-40

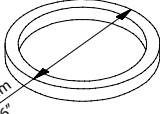
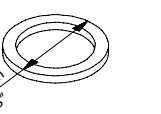
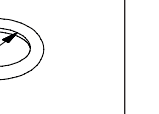
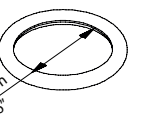
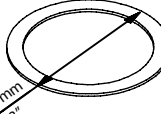
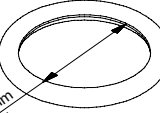
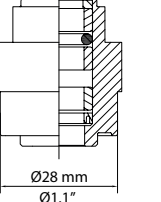
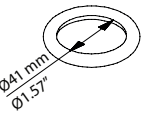
 SVA-S/L	 SVA-ST/LT
 REG-SA/SB	 REG
 SVA-HS	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6062

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X sizes 25-40



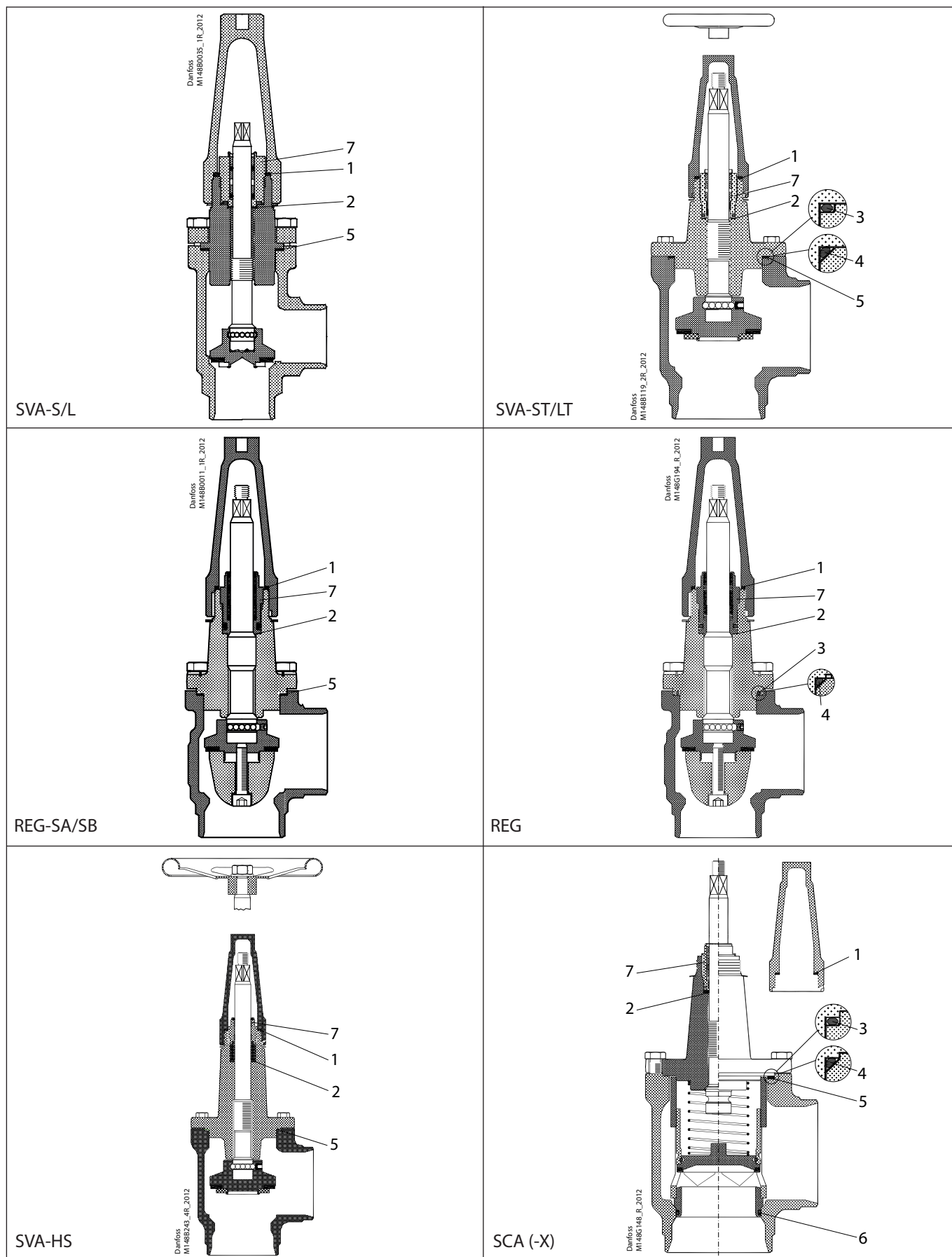
1  = Nylon  Ø37 mm Ø1.46" Total no. = 1	2  = Alu.  Ø19 mm Ø0.73" Total no. = 1	3  Ø31 mm Ø1.22" Total no. = 1	4  Ø37 mm Ø1.46" Total no. = 1	5  = Fibre  Ø54 mm Ø2.13" Total no. = 1
6  Ø30 mm Ø1.17" Total no. = 1	7  Ø28 mm Ø1.1" Total no. = 1	8*  Ø41 mm Ø1.57" Total no. = 1		

NOTE:
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG, REG-SA/SB, SCA or SCA-X the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6063

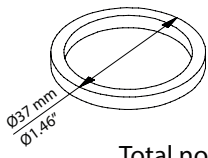
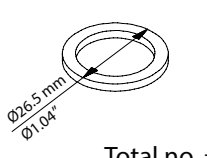
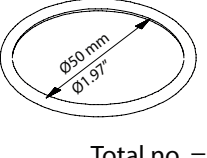
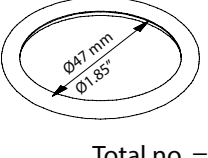
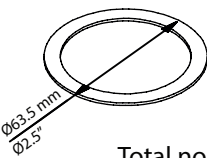
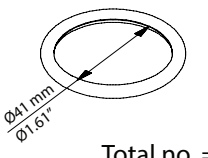
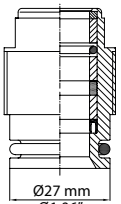
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X size 50



Data sheet – Spare parts and accessories

Repair kit | Code number 148B6063

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X size 50

1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	4   Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	7  Total no. = 1			

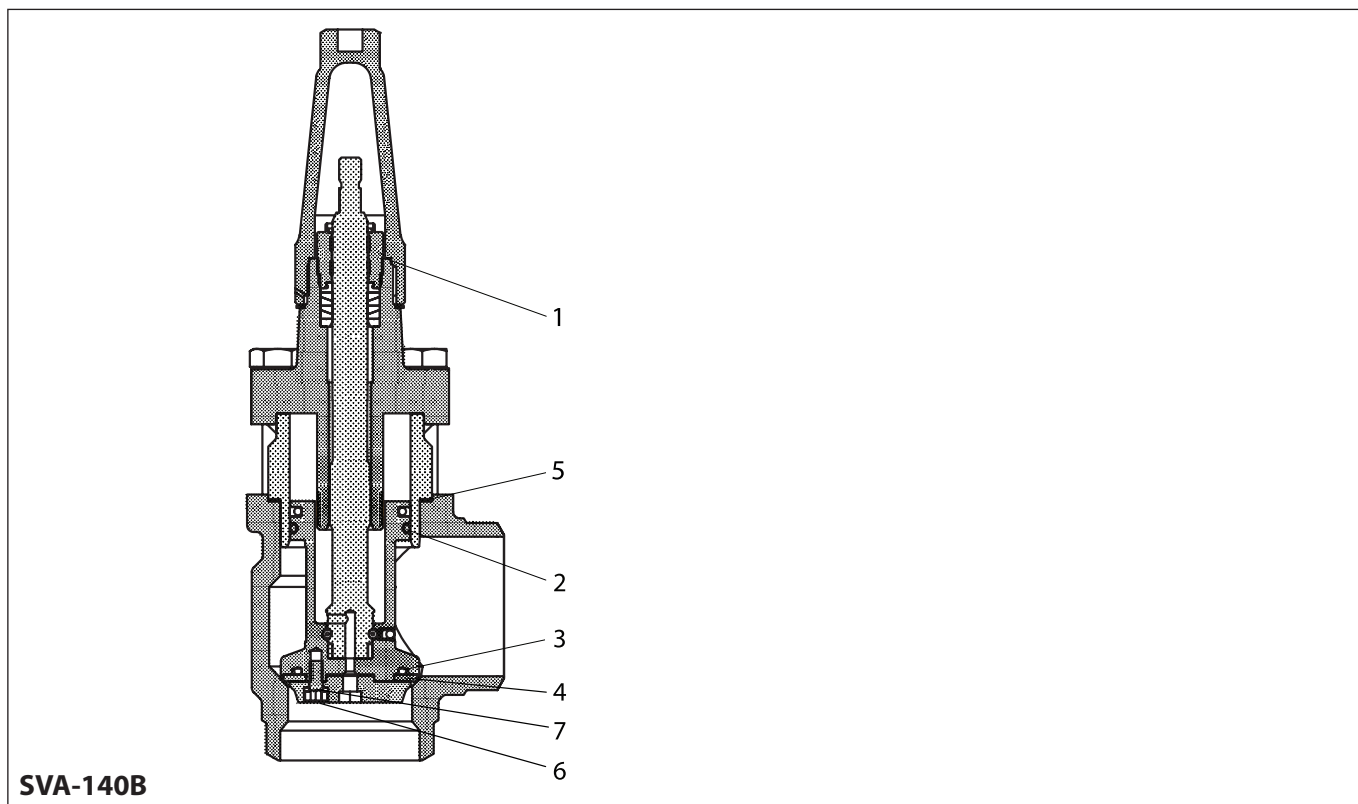
NOTE:

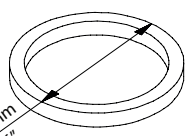
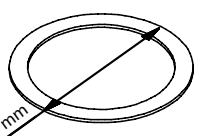
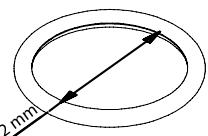
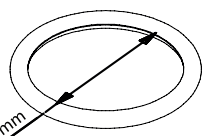
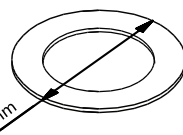
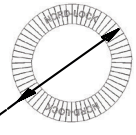
When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/B, REG, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6852

SVA-140B size 50/65

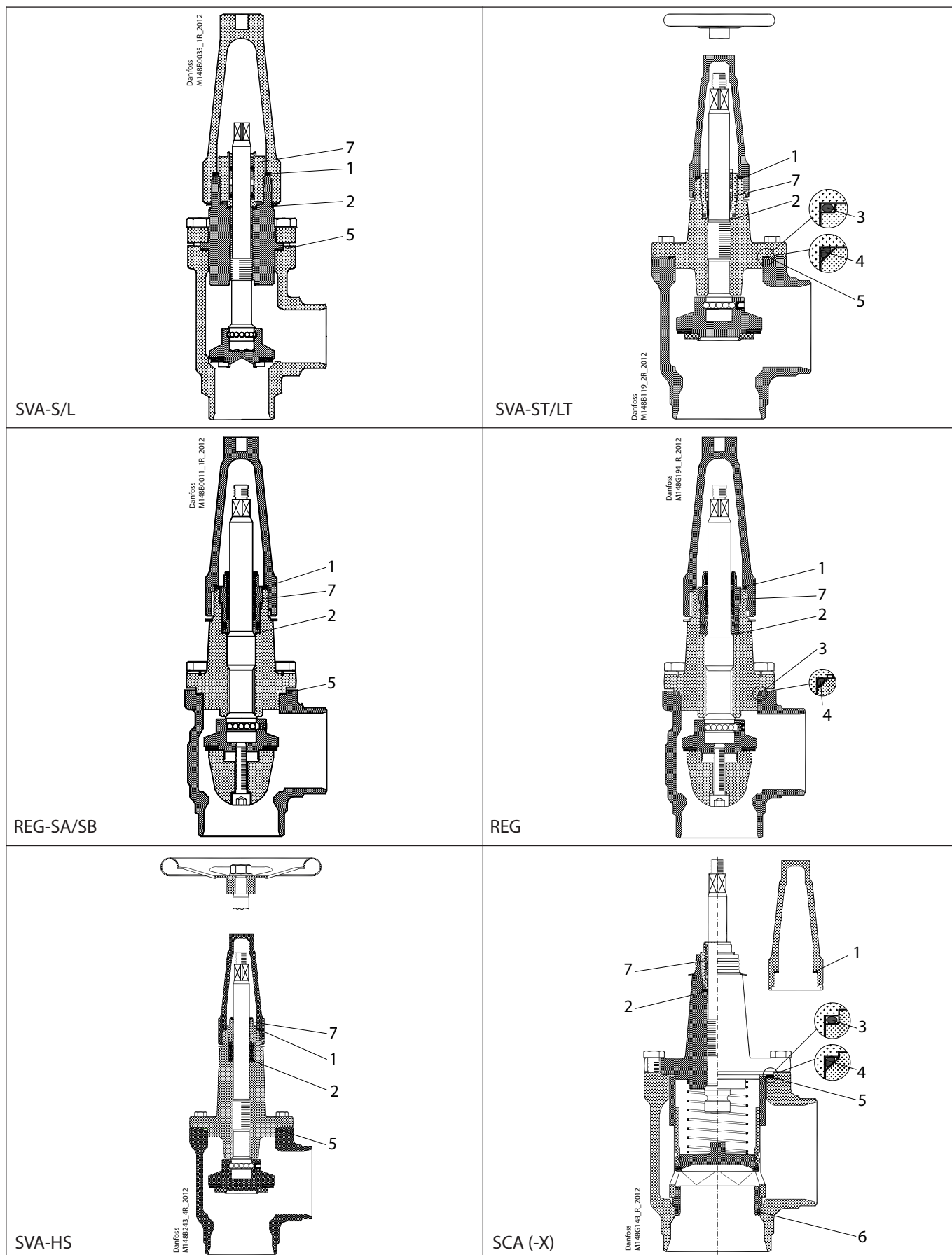


1  = Nylon  Ø37 mm Ø1.46" Total no. = 1	5  = Fibre  Ø74.5 mm Ø2.9" Total no. = 1	2   Ø47.2 mm Ø1.9" Total no. = 1	3   Ø44 mm Ø1.7" Total no. = 1
4  = PEEK  Ø61 mm Ø2.4" Total no. = 1	6  M6x14 Total no. = 3	7  Ø10.8 mm Ø0.4" Total no. = 3	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6064

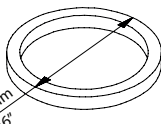
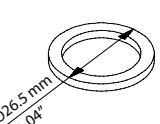
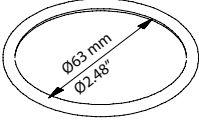
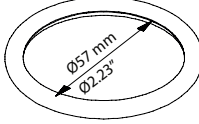
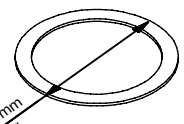
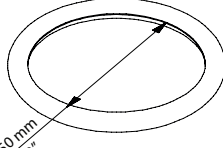
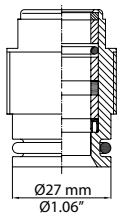
SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, size 65



Data sheet – Spare parts and accessories

Repair kit | Code number 148B6064

SVA-S/L, SVA-ST/LT, REG-SA/SB, REG, SVA-HS, SCA/X, size 65

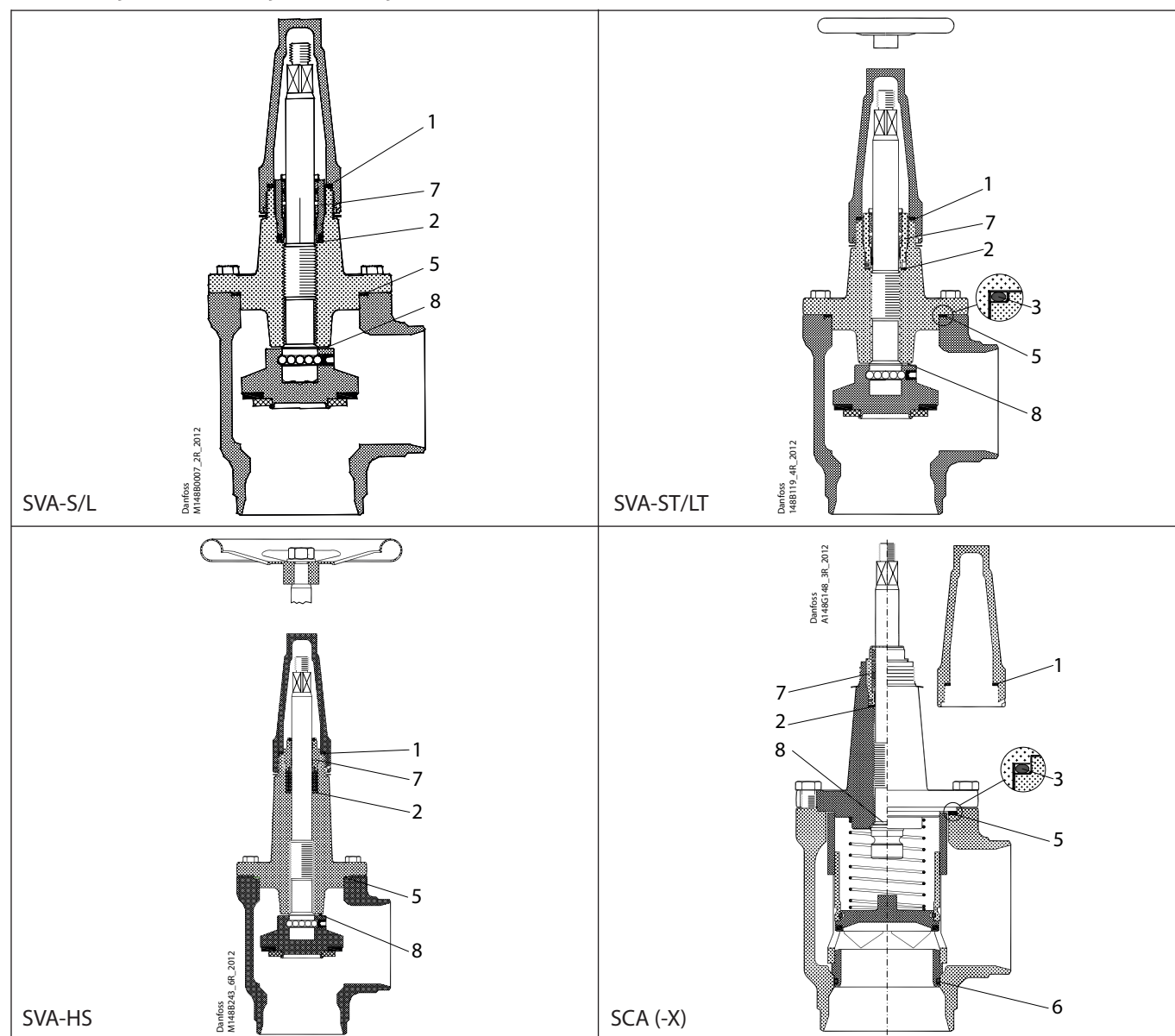
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	4   Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	7  Total no. = 1			

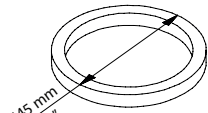
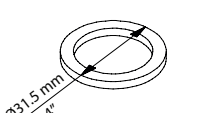
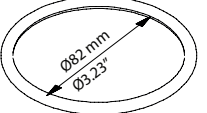
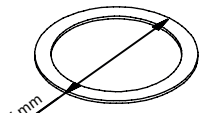
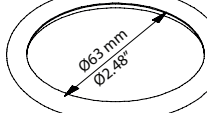
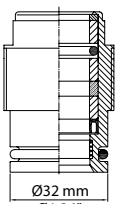
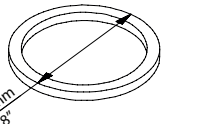
NOTE:

When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, REG-SA/B, REG, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6065
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 80



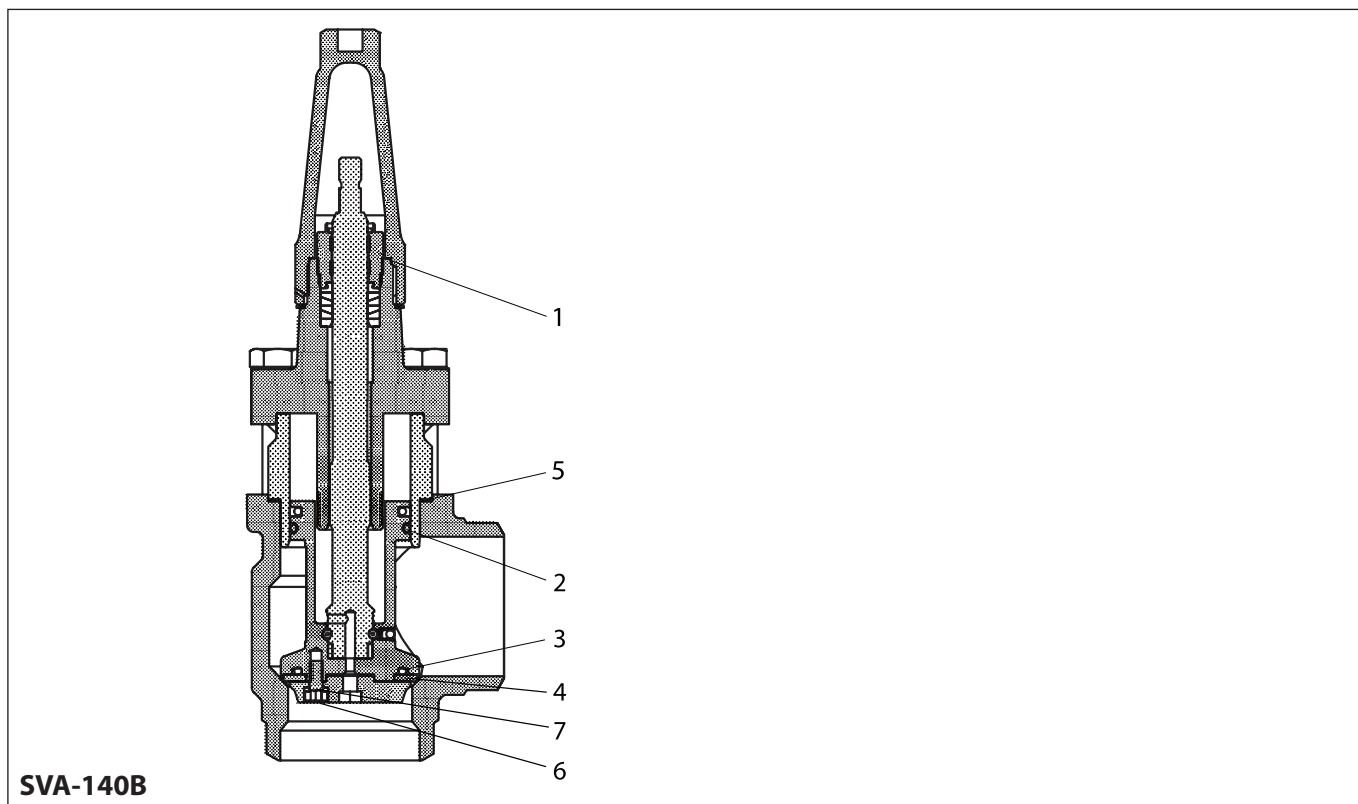
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	6  Total no. = 1
7  Total no. = 1	8  = PTFE  Total no. = 1			

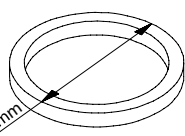
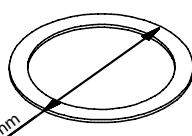
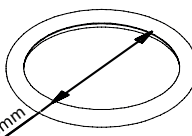
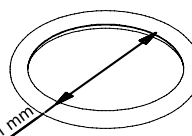
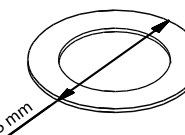
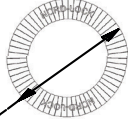
NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6853

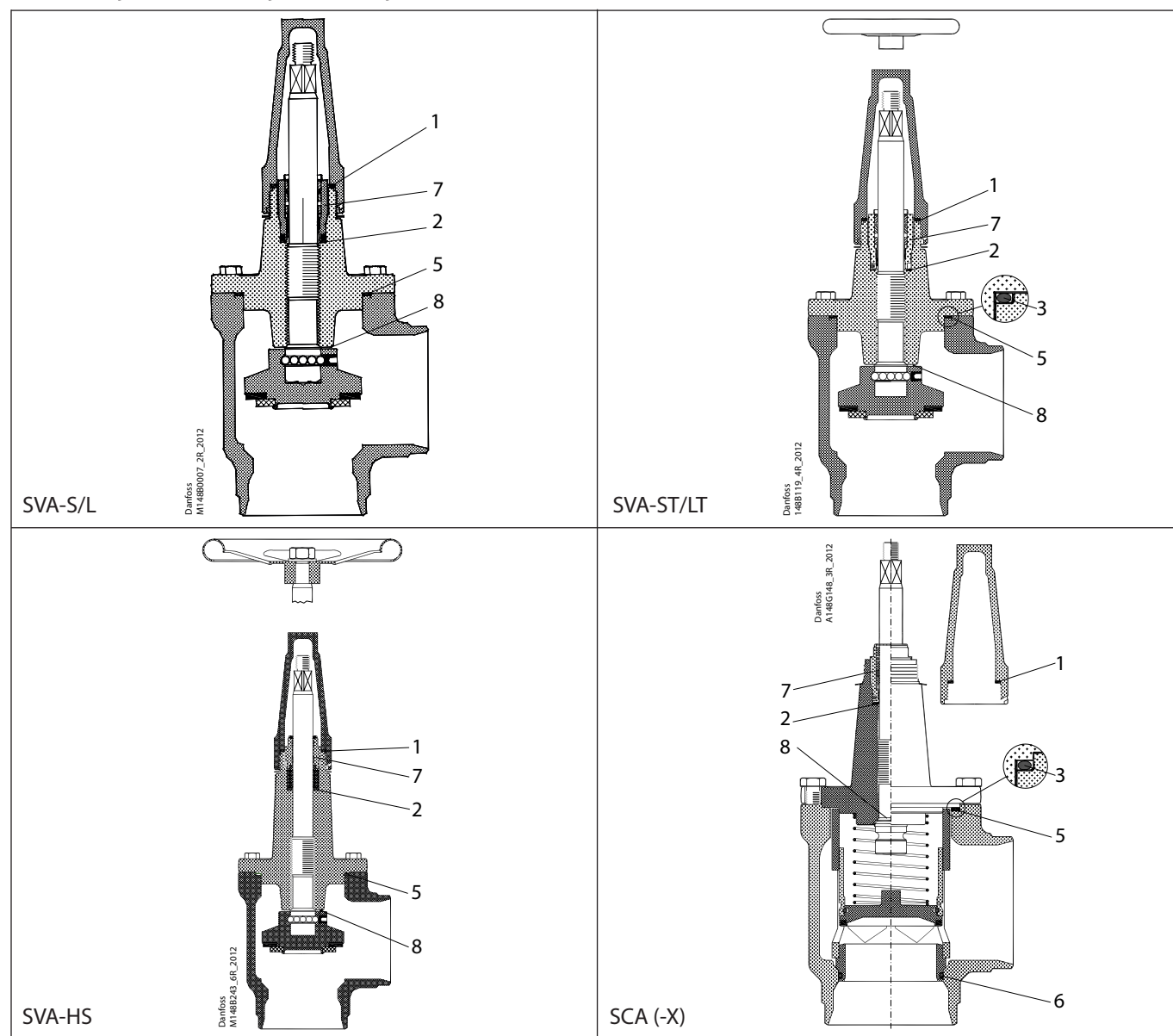
SVA-140B size 80

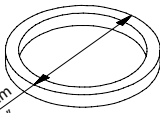
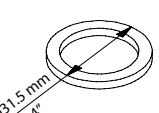
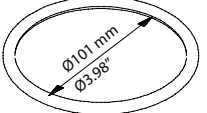
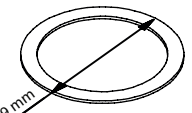
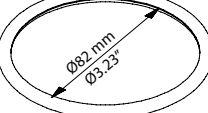
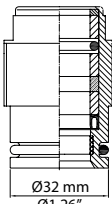
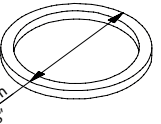


1  = Nylon  Total no. = 1	5  = Fibre  Total no. = 1	2  Total no. = 1	3  Total no. = 1
4  = PEEK  Total no. = 1	6  M8x20 Total no. = 3	7  Total no. = 3	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6066
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 100

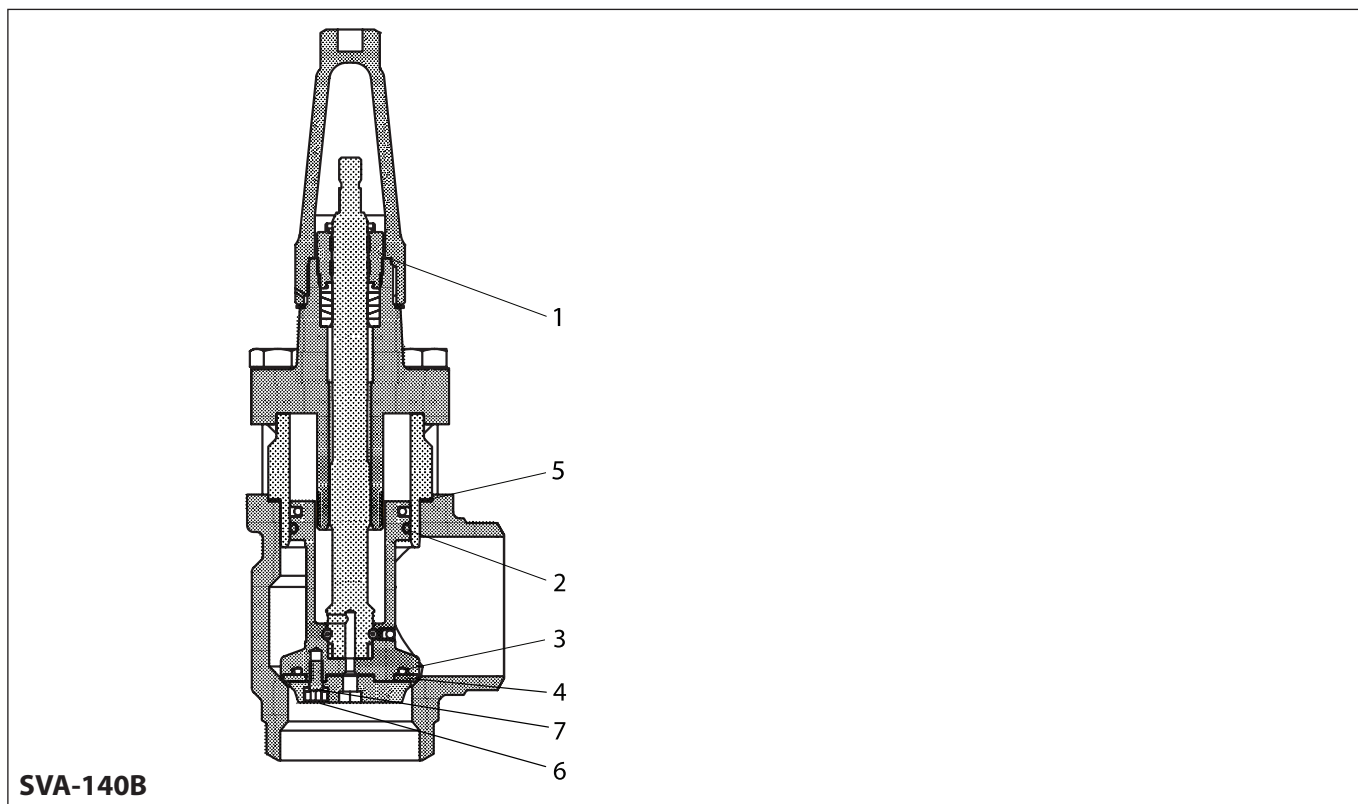


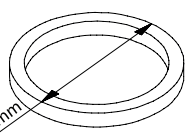
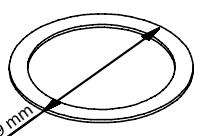
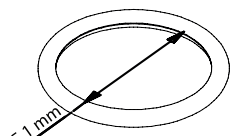
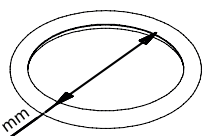
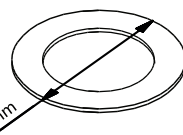
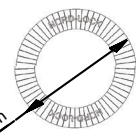
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	6  Total no. = 1
7  Total no. = 1	8  = PTFE  Total no. = 1			

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

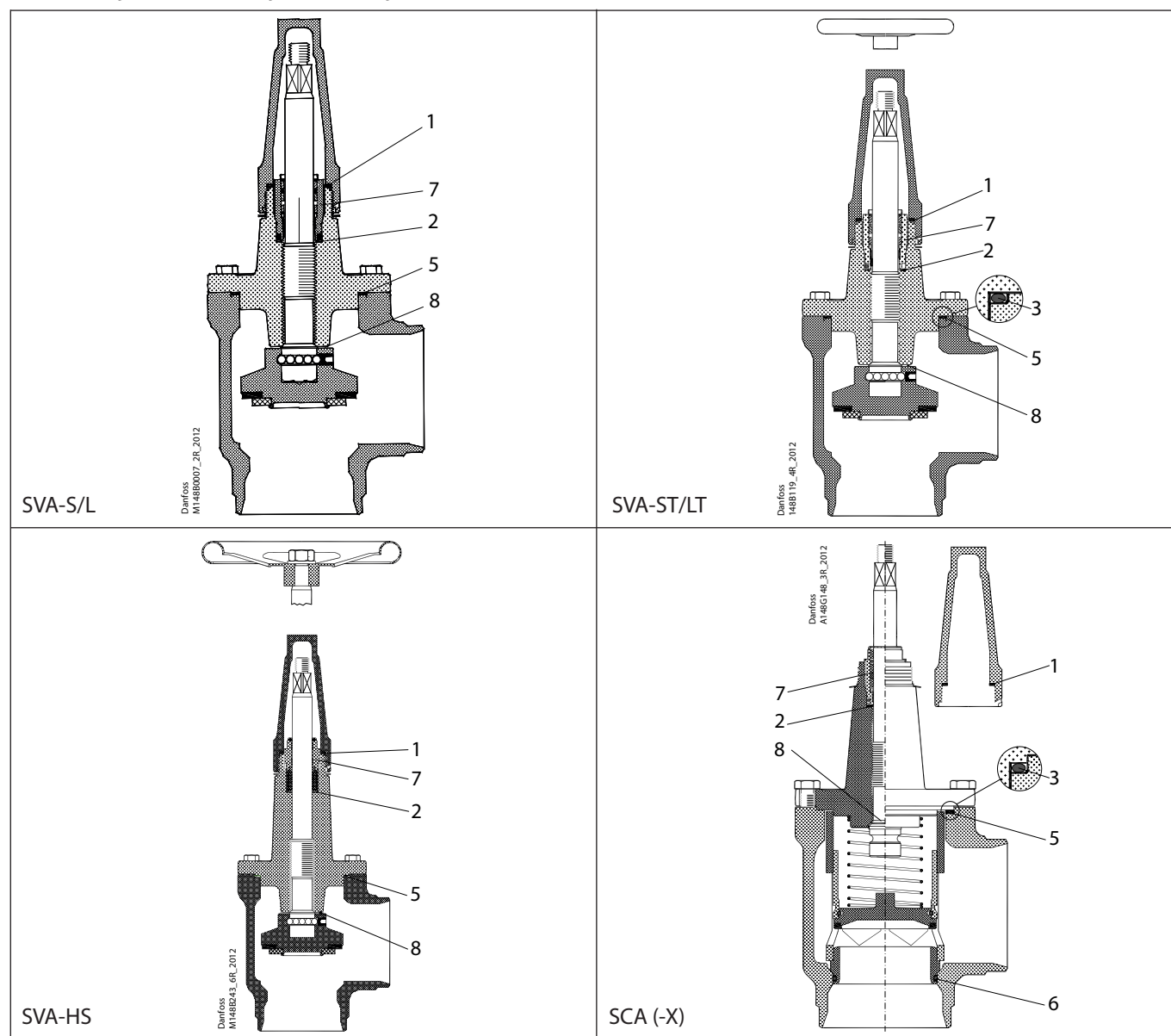
Repair kit | Code number 148B6854
SVA-140B size100



1  = Nylon  Total no. = 1	5  = Fibre  Total no. = 1	2  Total no. = 1	3  Total no. = 1
4  = PEEK  Total no. = 1	6  M8x20 Total no. = 4	7  Total no. = 4	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6067
SVA-S/L, SVA-ST/LT, SVA-HS, SCA/X size 125

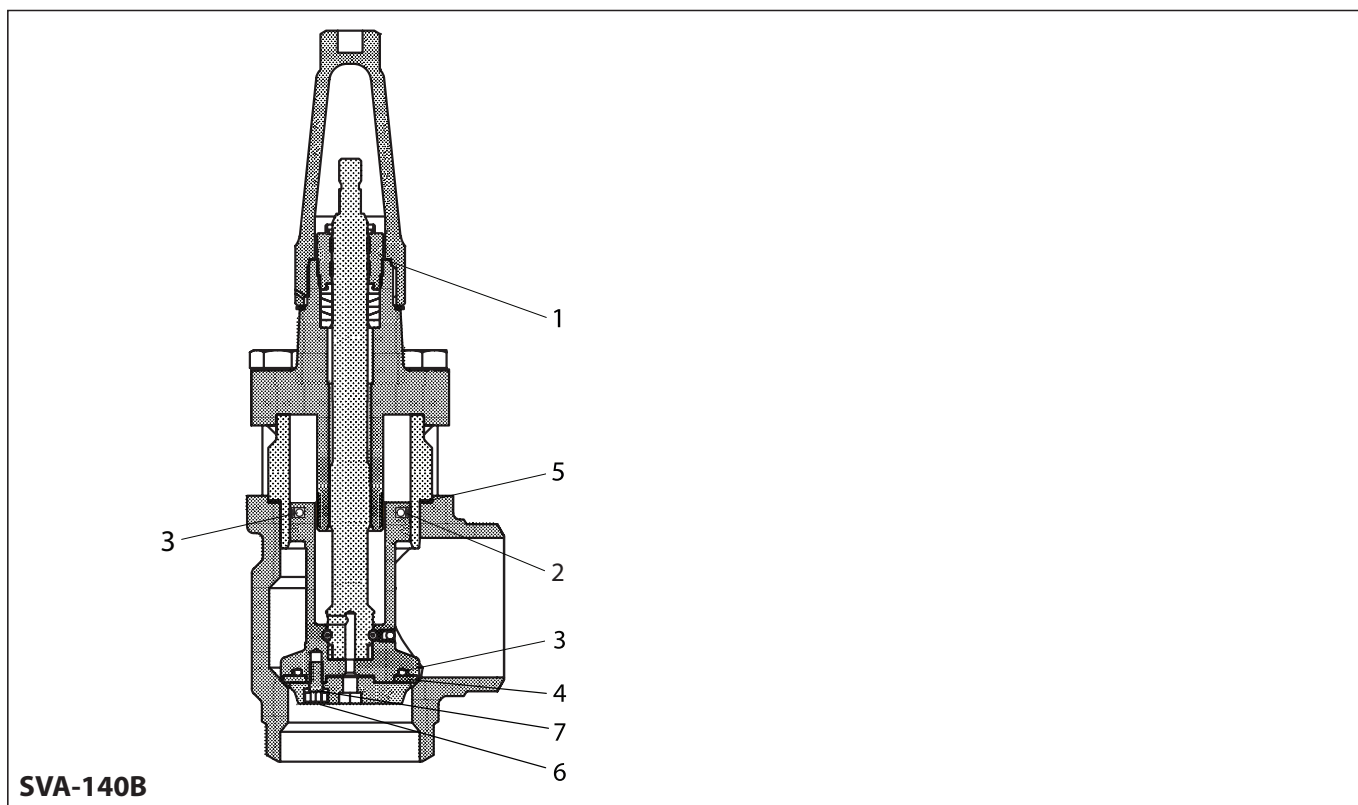


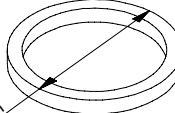
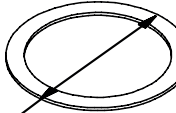
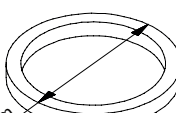
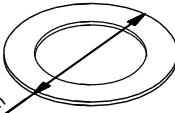
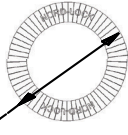
1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 Total no. = 1	5 = Fibre Total no. = 1	6 Total no. = 1
7 Total no. = 1	8 = PTFE Total no. = 1			

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L, SVA-HS, SCA-X and SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

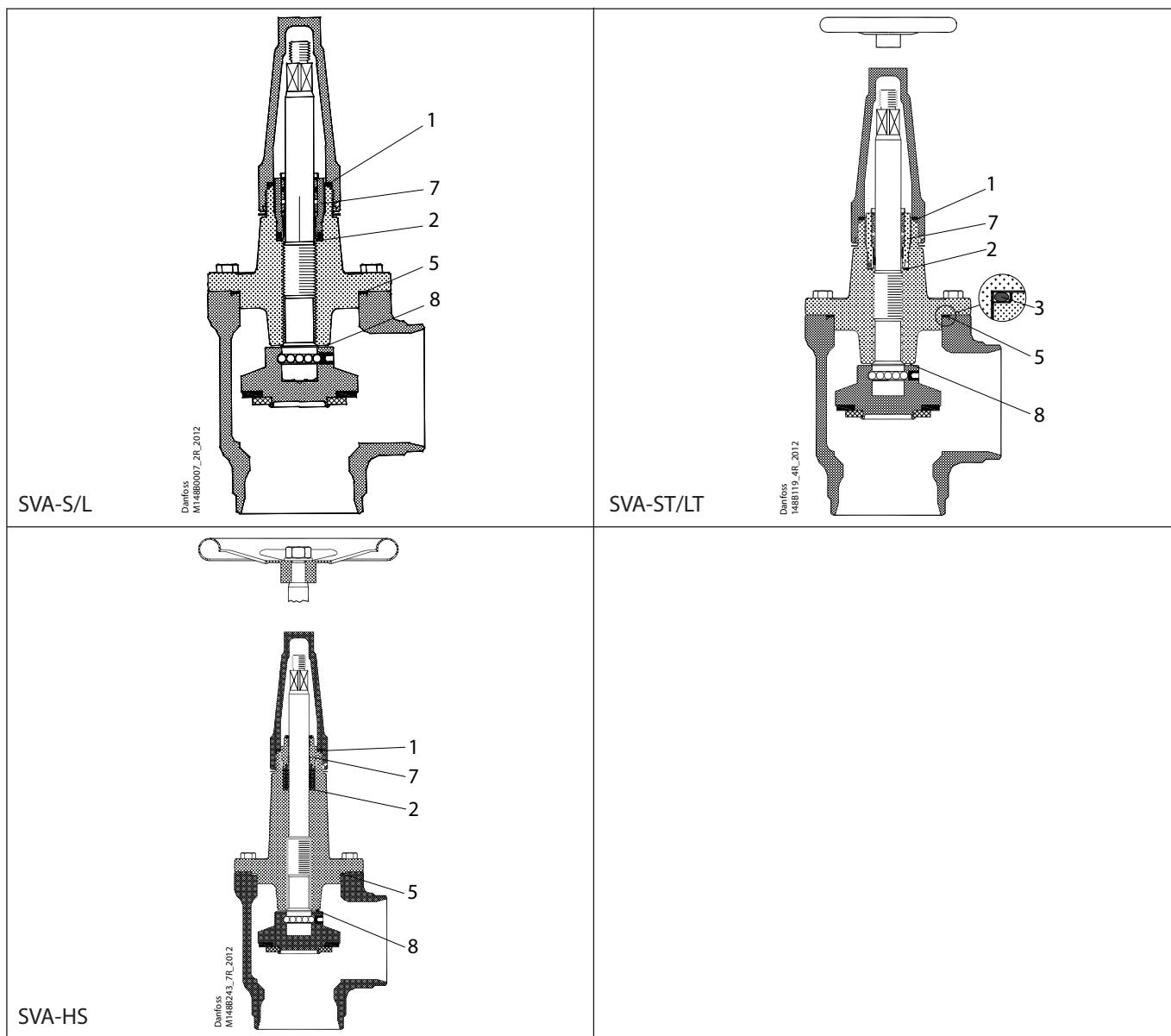
Repair kit | Code number 148B6943
SVA-140B size 125

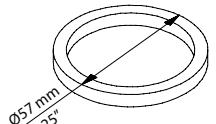
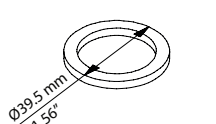
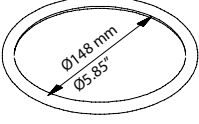
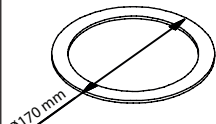
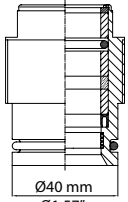
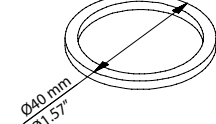


1  = Nylon  Ø57.1 mm Ø2.2" Total no. = 1	5  = Fibre  Ø145 mm Ø5.7" Total no. = 1	2   Ø115.9 mm Ø4.6" Total no. = 1	3   Ø97.8 mm Ø3.9" Total no. = 2
4  = PEEK  Ø116 mm Ø4.6" Total no. = 1	6  M8x20 Total no. = 5	7  Ø13.5 mm Ø0.5" Total no. = 5	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6068
SVA-S/L, SVA-ST/LT, SVA-HS size 150

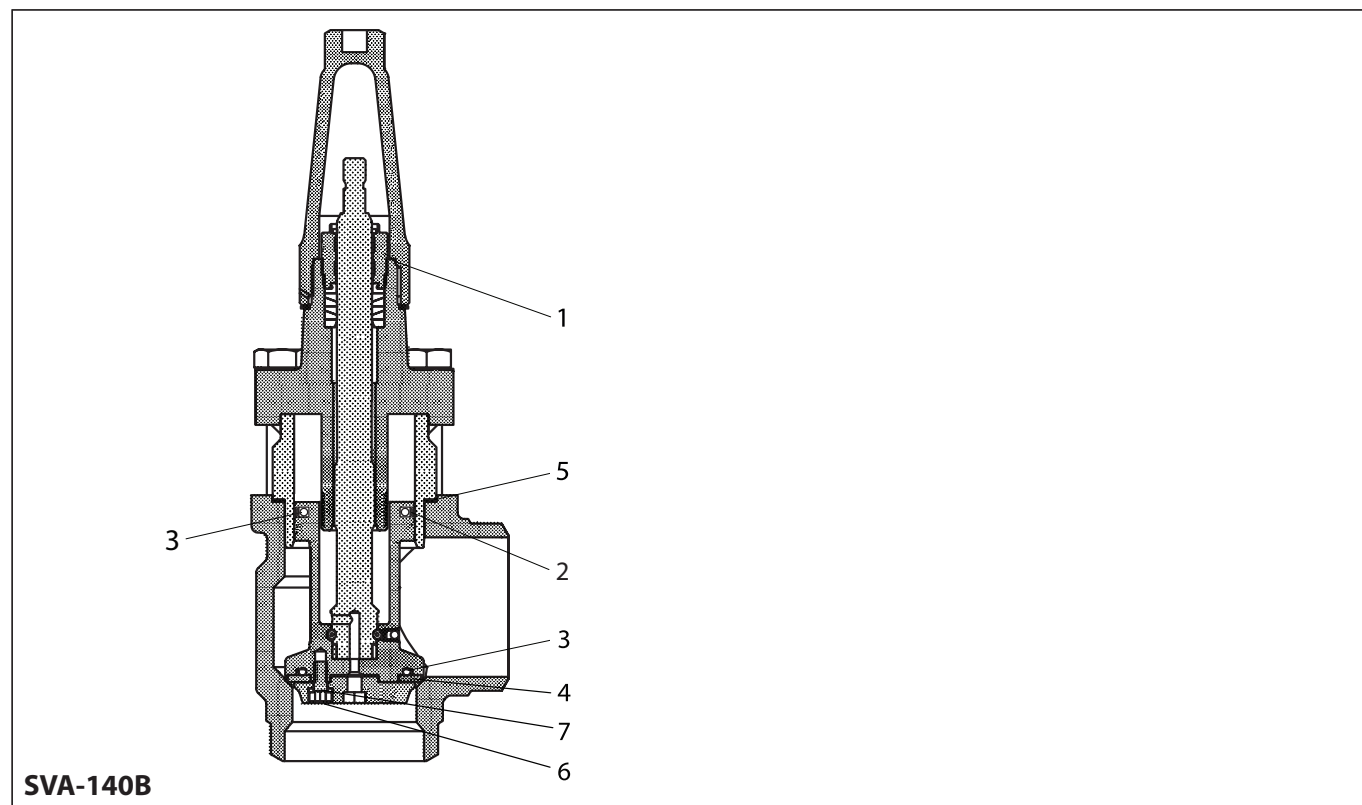


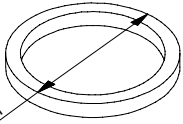
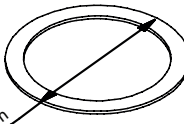
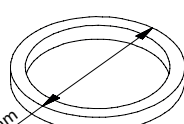
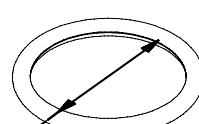
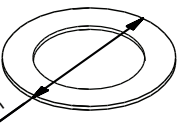
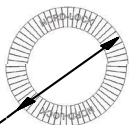
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	7  Total no. = 1
8  = PTFE  Total no. = 1				

NOTE: When replacing the packing gland (pos. 7) in SVA-ST, SVA-S/L or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6944
SVA-140B size 150

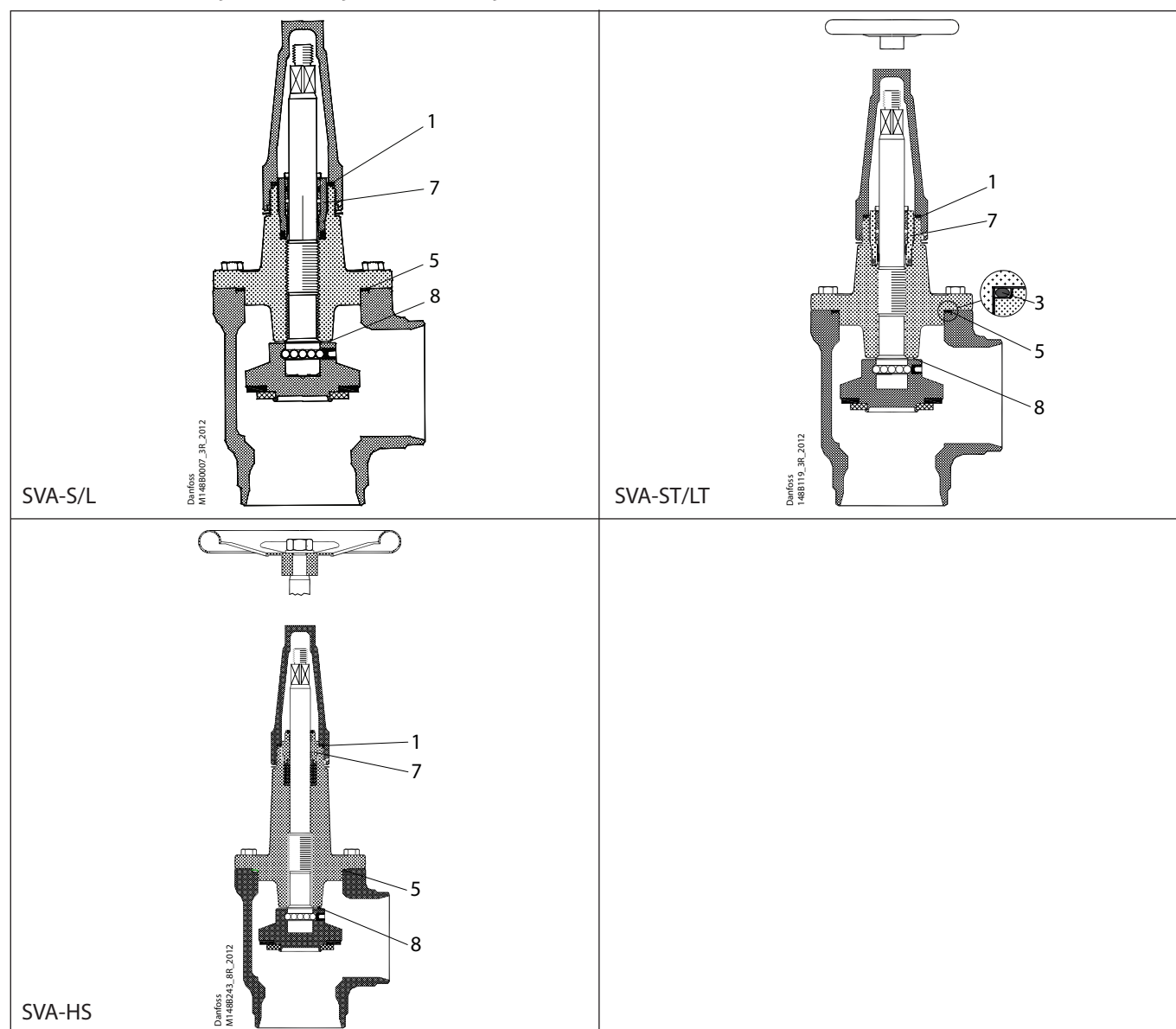


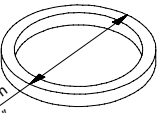
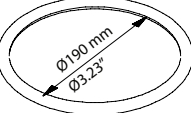
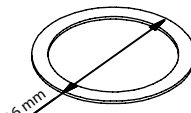
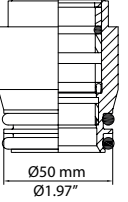
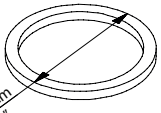
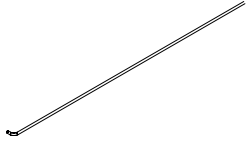
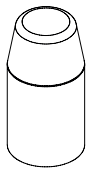
1  = Nylon  Ø57.1 mm Ø2.2" Total no. = 1	5  = Fibre  Ø151.4 mm Ø6" Total no. = 1	2  = Nylon  Ø135.9 mm Ø5.4" Total no. = 1	3  = Nylon  Ø113.7 mm Ø4.5" Total no. = 2
4  = PEEK  Ø137 mm Ø5.4" Total no. = 1	6  M8x20 Total no. = 6	7  Ø13.5 mm Ø0.5" Total no. = 6	

Data sheet – Spare parts and accessories

Repair kit | Code number 148B6473

Shut-off valves, SVA-S/L, SVA-ST/LT, SVA-HS size 200

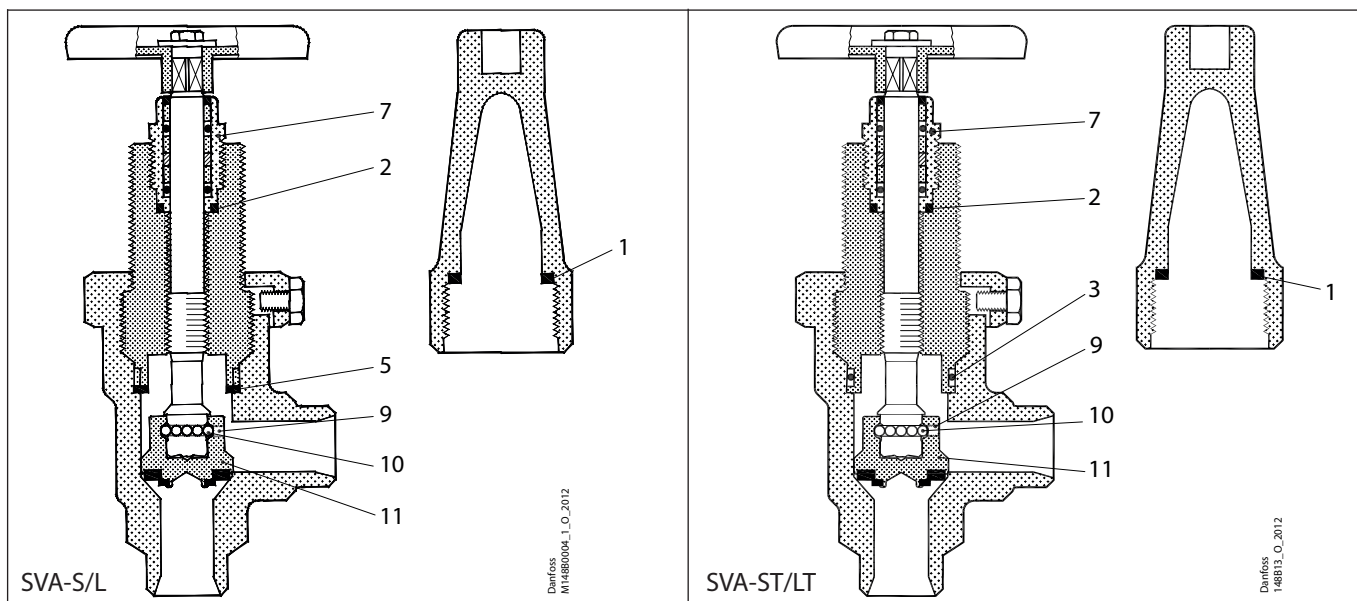


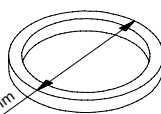
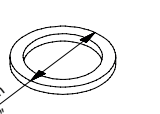
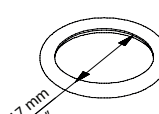
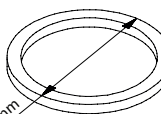
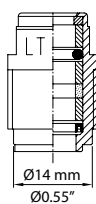
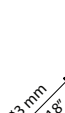
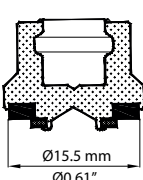
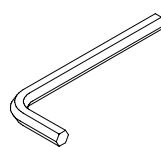
1  Ø66 mm Ø2.61" Total no. = 1	3  Ø190 mm Ø3.23" Total no. = 1	5  Ø216 mm Ø8.5" Total no. = 1	7  Ø50 mm Ø1.97" Total no. = 1	8  Ø47 mm Ø1.85" Total no. = 1
9  Total no. = 1	10  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6150

SVA-S/L, SVA-ST/LT Sizes 6 to 10



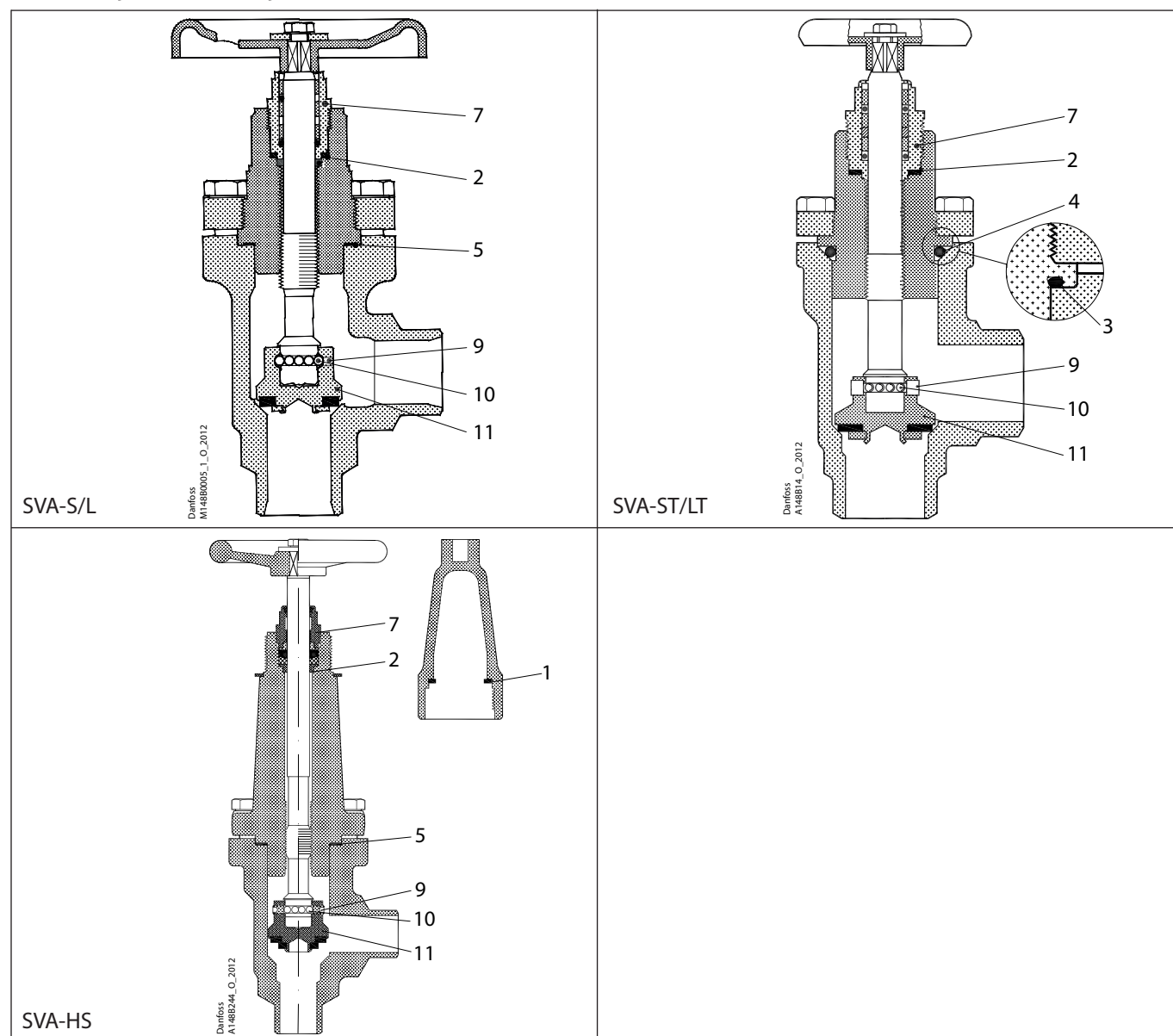
1  = Nylon  Ø21 mm Ø0.87" Total no. = 1	2  = Alu.  Ø14 mm Ø0.53" Total no. = 1	3   Ø17 mm Ø0.67" Total no. = 1	5  = Alu.  Ø22 mm Ø0.87" Total no. = 1	7  Ø14 mm Ø0.55" Total no. = 1
9  M4 Total no. = 1	10  Ø3 mm Ø0.118" Total no. = 6	11  Ø15.5 mm Ø0.61" Total no. = 1	12  Total no. = 1	

NOTE:

When replacing the packing gland (pos. 7) in SVA-S/L or SVA-ST/LT the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6151
SVA-S/L, SVA-ST/LT, SVA-HS sizes 15-20

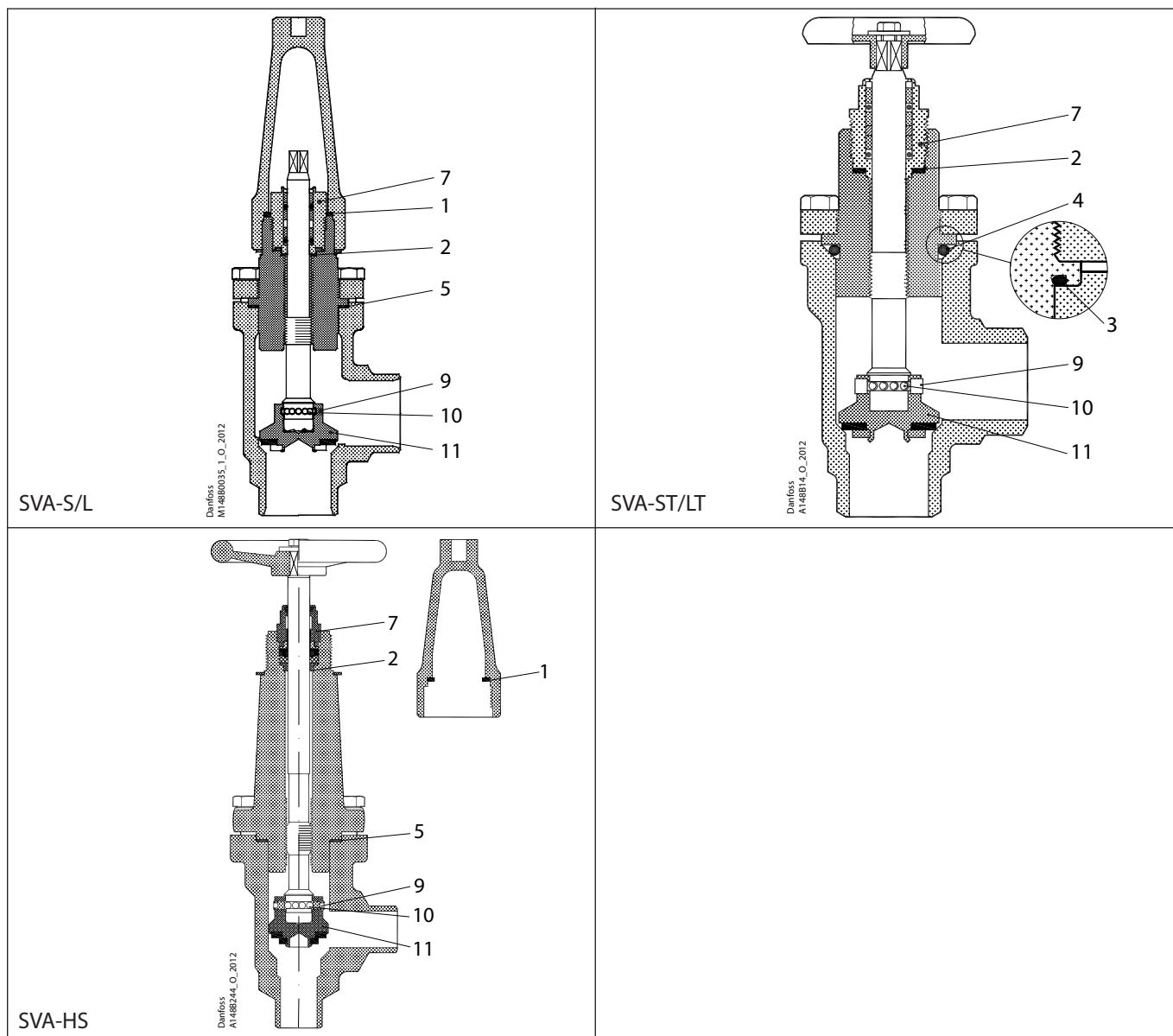


1 = Nylon Ø28 mm Ø1.1" Total no. = 1	2 = Alu. Ø18 mm Ø0.69" Total no. = 1	3 Ø27 mm Ø1.06" Total no. = 1	4 Ø23 mm Ø0.91" Total no. = 1	5 = Fibre Ø39 mm Ø1.55" Total no. = 1
7 LT Ø18 mm Ø0.71" Total no. = 1	9 M4 Total no. = 1	10 Ø3 mm Ø0.118" Total no. = 10	11 Ø25 mm Ø0.98" Total no. = 1	12 Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6152
SVA-S/L, SVA-ST/LT, SVA-HS, sizes 25-40

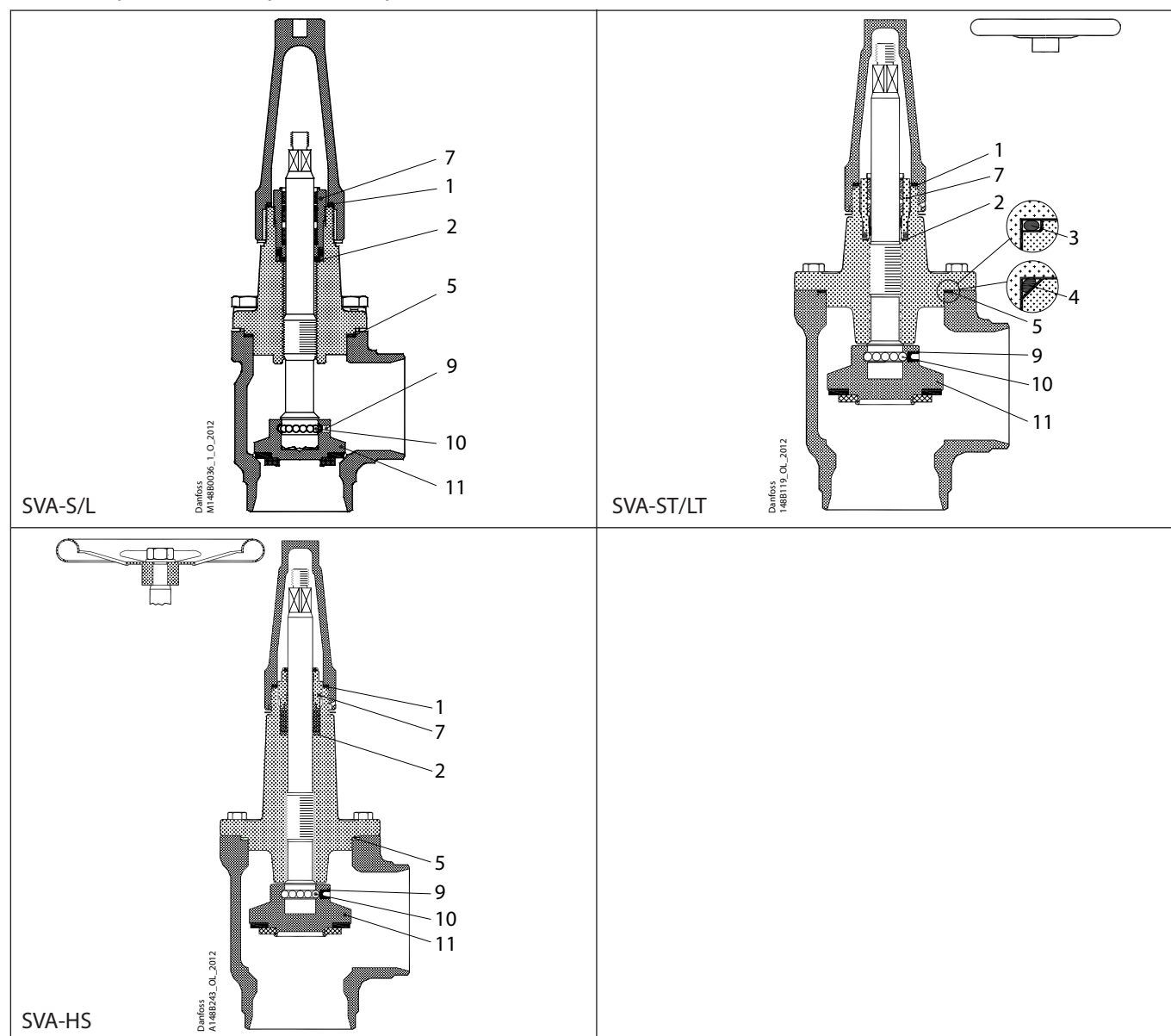


1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 = Fibre Total no. = 1
7 Total no. = 1	9 Total no. = 1	10 Total no. = 14	11 Total no. = 1	12 Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6153
SVA-S/L, SVA-ST/LT, SVA-HS, size 50



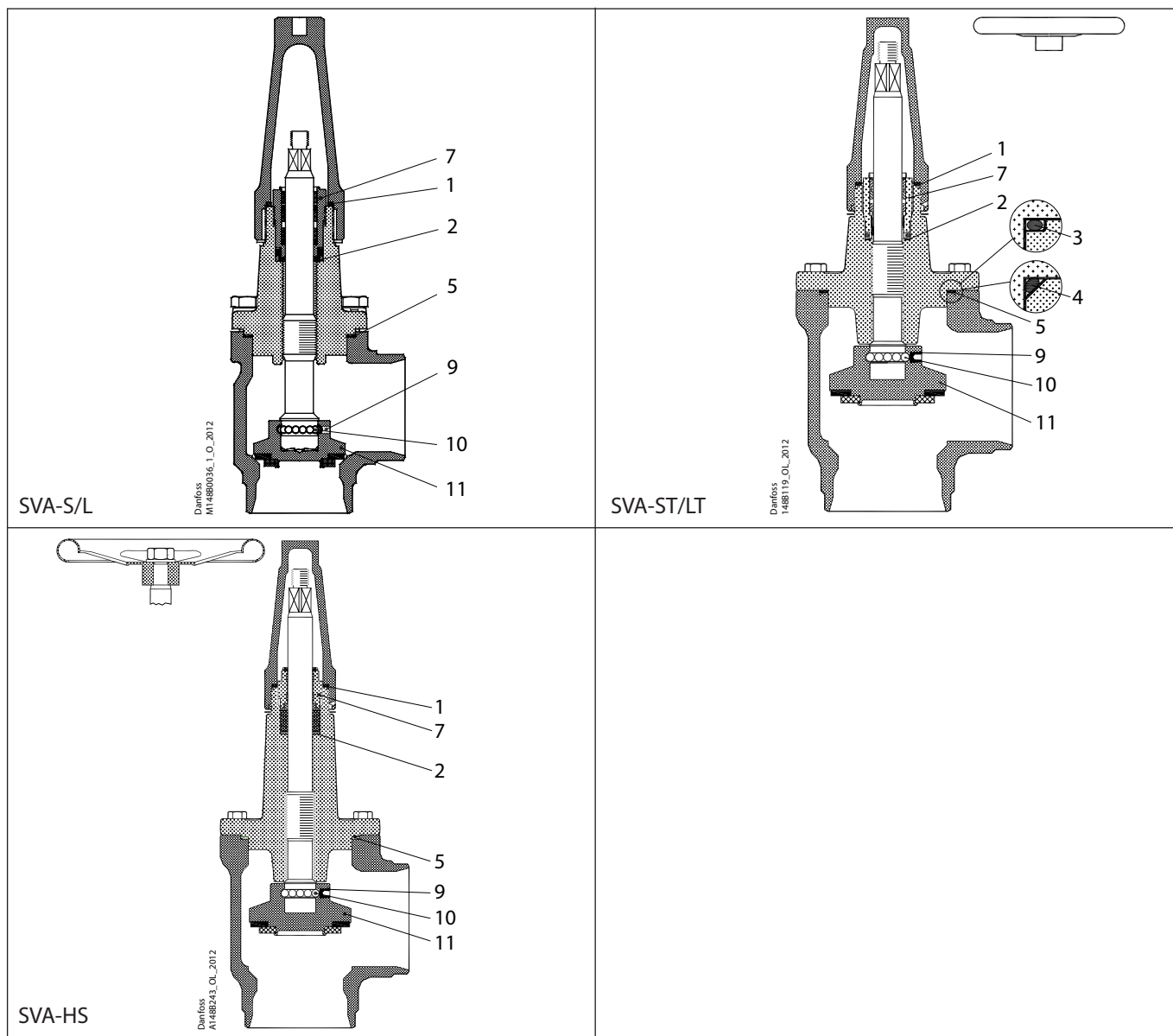
1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 = Fibre Total no. = 1
7 Total no. = 1	9 M5 Total no. = 1	10 Total no. = 14	11 Total no. = 1	12 Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6154

SVA-S/L, SVA-ST/LT, SVA-HS, size 65

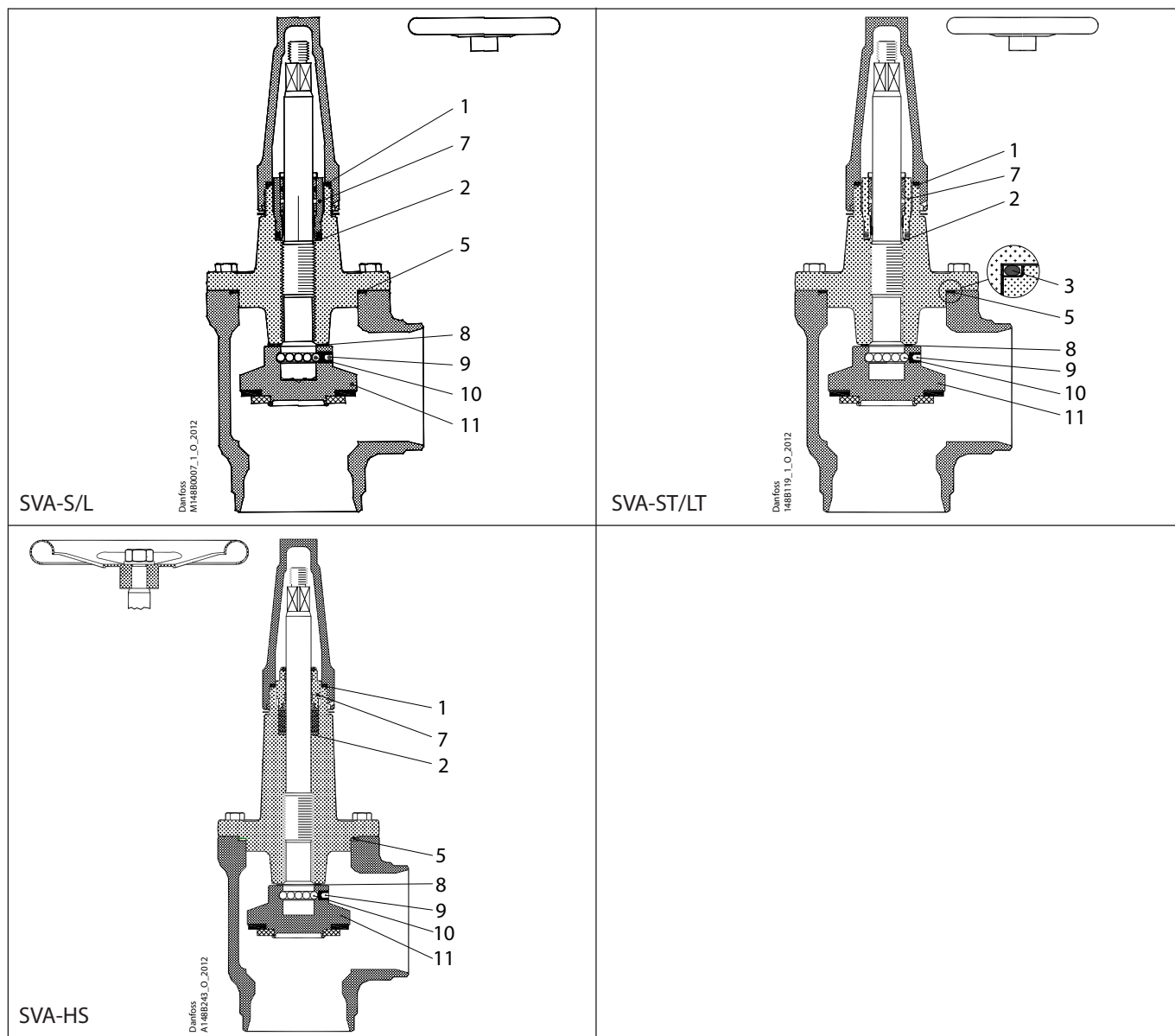


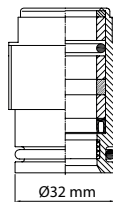
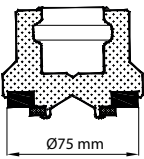
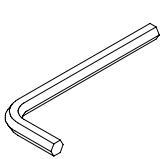
1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 = Fibre Total no. = 1
7 Total no. = 1	9 Total no. = 1	10 Total no. = 14	11 Total no. = 1	12 Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6155
SVA-S/L, SVA-ST/LT, SVA-HS, size 80



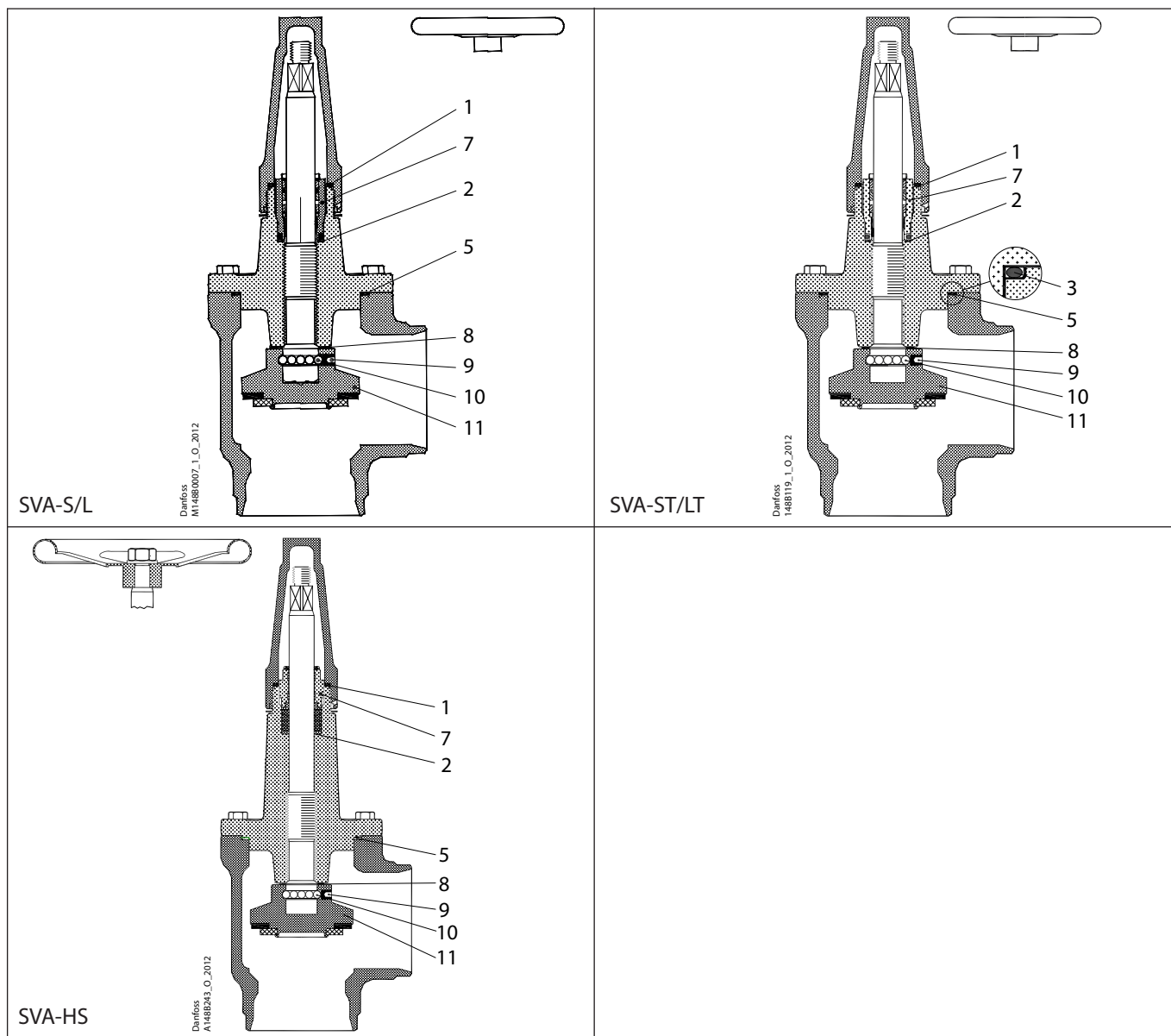
1  = Nylon Total no. = 1	2  = Alu. Total no. = 1	3  Total no. = 1	5  = Fibre Total no. = 1	7  Ø32 mm Ø1.26" Total no. = 1
8  = PTFE Total no. = 1	9  M8 Total no. = 1	10  Ø6 mm Ø0.236" Total no. = 13	11  Ø75 mm Ø2.95" Total no. = 1	12  Total no. = 1

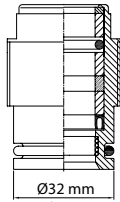
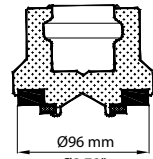
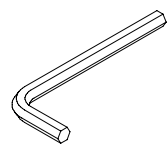
NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6156

SVA-S/L, SVA-ST/LT, SVA-HS, size 100

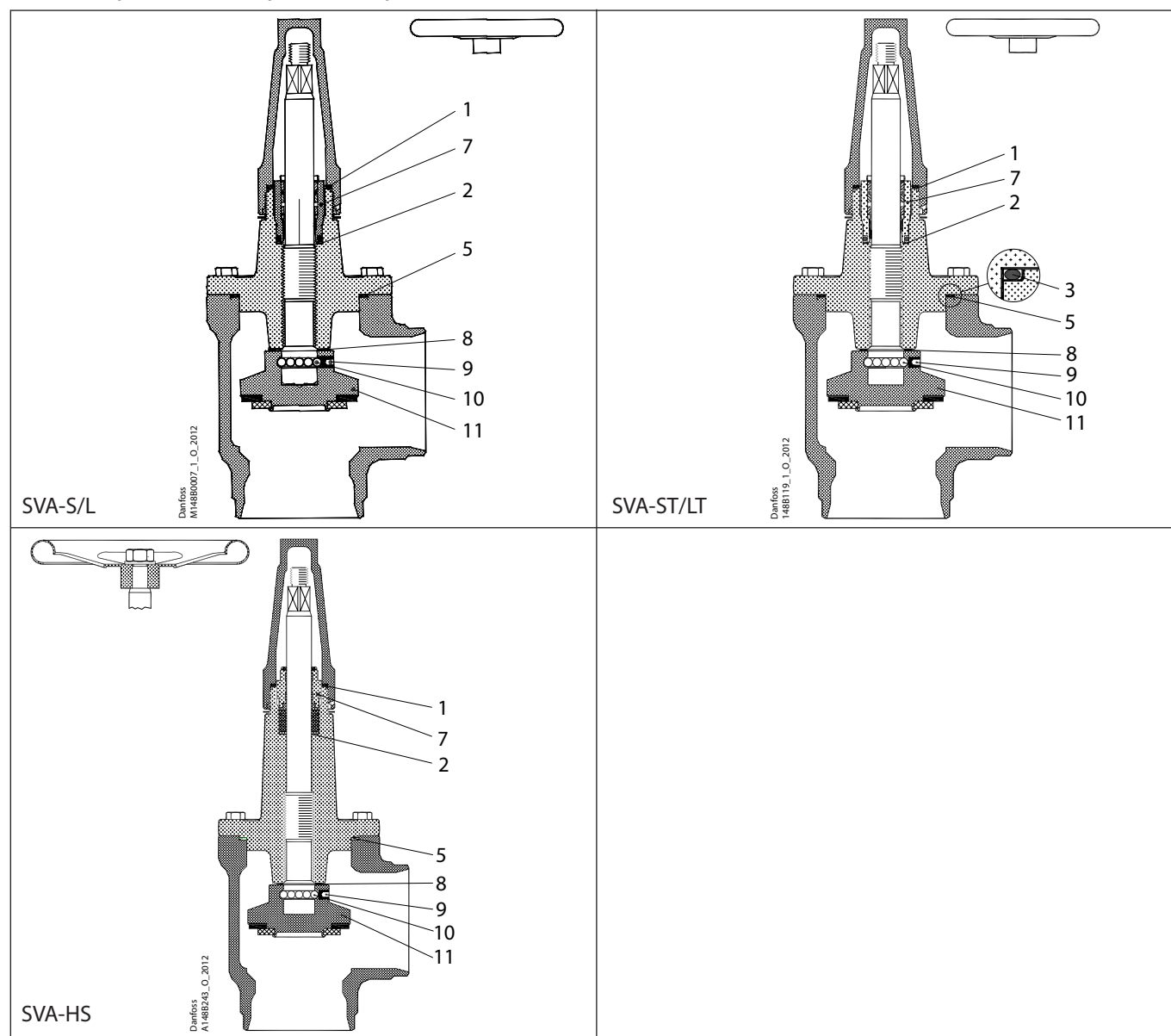


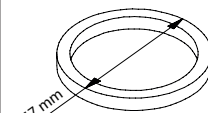
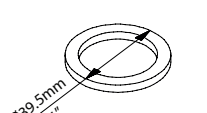
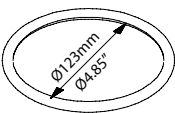
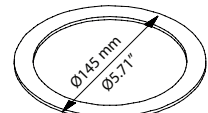
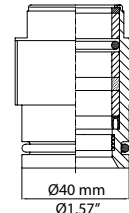
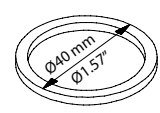
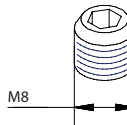
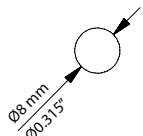
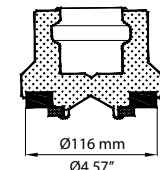
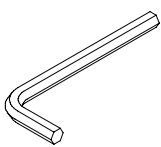
1  = Nylon Total no. = 1	2  = Alu. Total no. = 1	3  Total no. = 1	5  = Fibre Total no. = 1	7  Ø32 mm Ø1.26" Total no. = 1
8  = PTFE Total no. = 1	9  M8 Total no. = 1	10  Ø6 mm Ø0.236" Total no. = 13	11  Ø96 mm Ø3.78" Total no. = 1	12  Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6157
SVA-S/L, SVA-ST/LT, SVA-HS, size 125



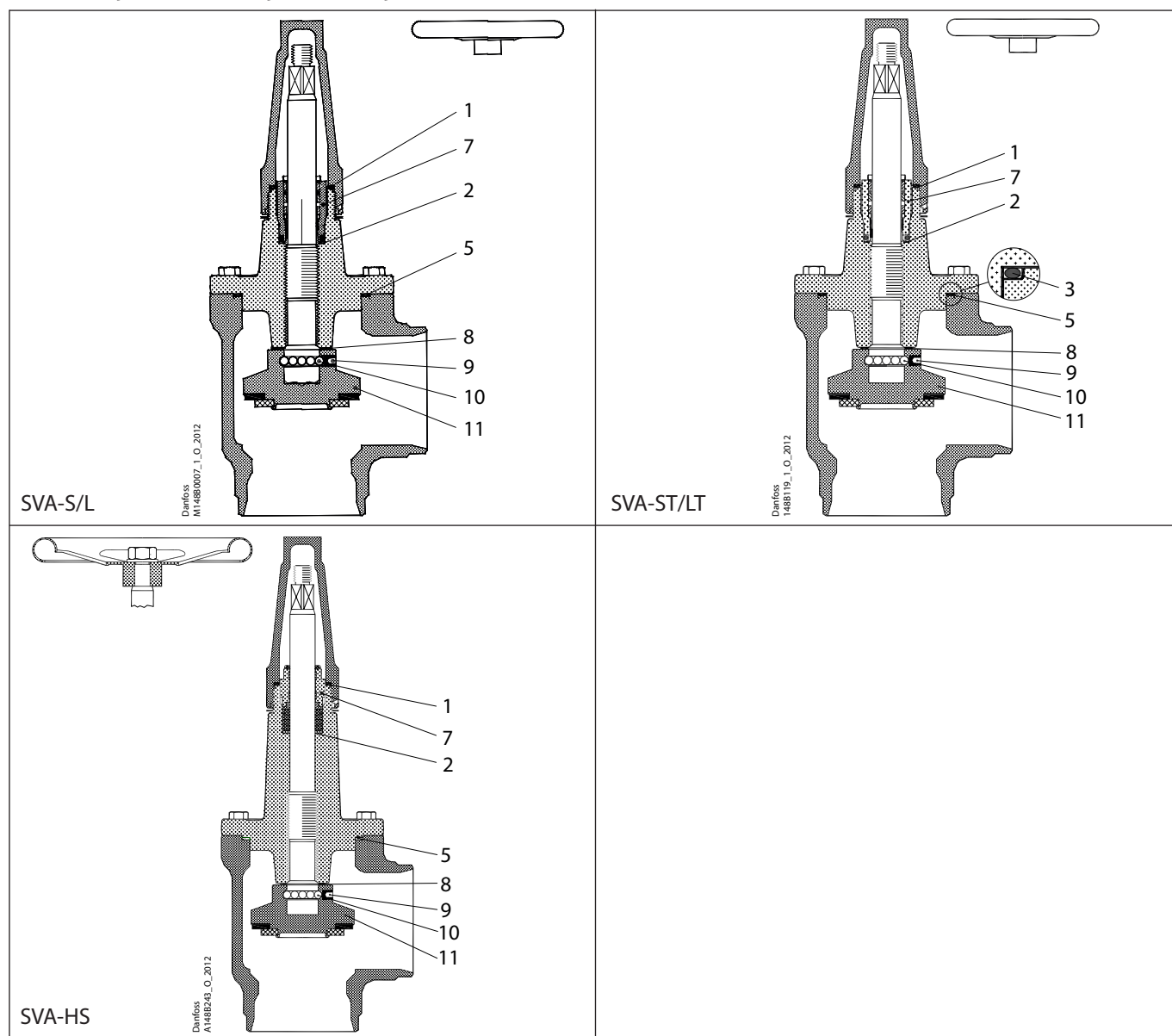
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	7  Total no. = 1
8  = PTFE  Total no. = 1	9  M8 Total no. = 1	10  Total no. = 13	11  Total no. = 1	12  Total no. = 1

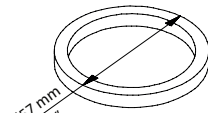
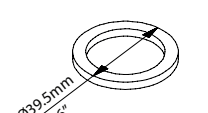
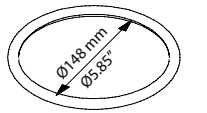
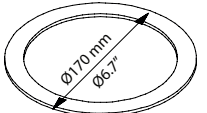
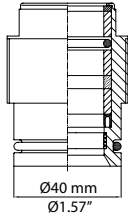
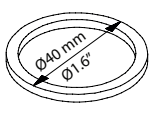
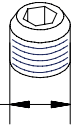
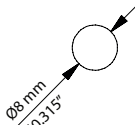
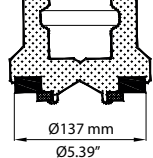
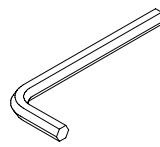
NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6158

SVA-S/L, SVA-ST/LT, SVA-HS, size 150

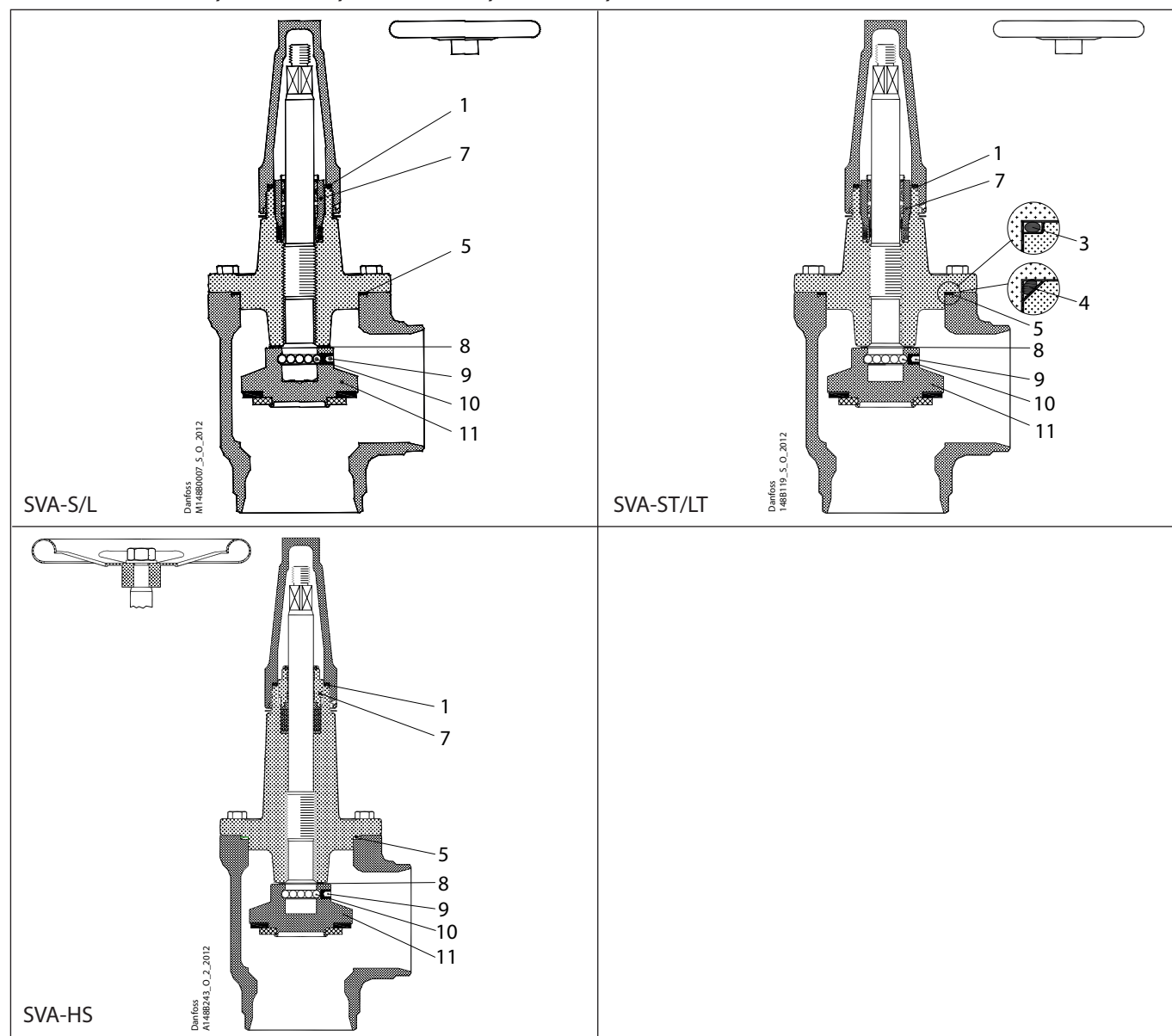


1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	7  Total no. = 1
8  = PTFE  Total no. = 1	9  M10 Total no. = 1	10  Total no. = 13	11  Total no. = 1	12  Total no. = 1

NOTE: When replacing the packing gland (pos. 7) in SVA-S/L, SVA-ST/LT or SVA-HS the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6472
Shut-off valves, SVA-S/L, SVA-ST/LT, SVA-HS, size 200

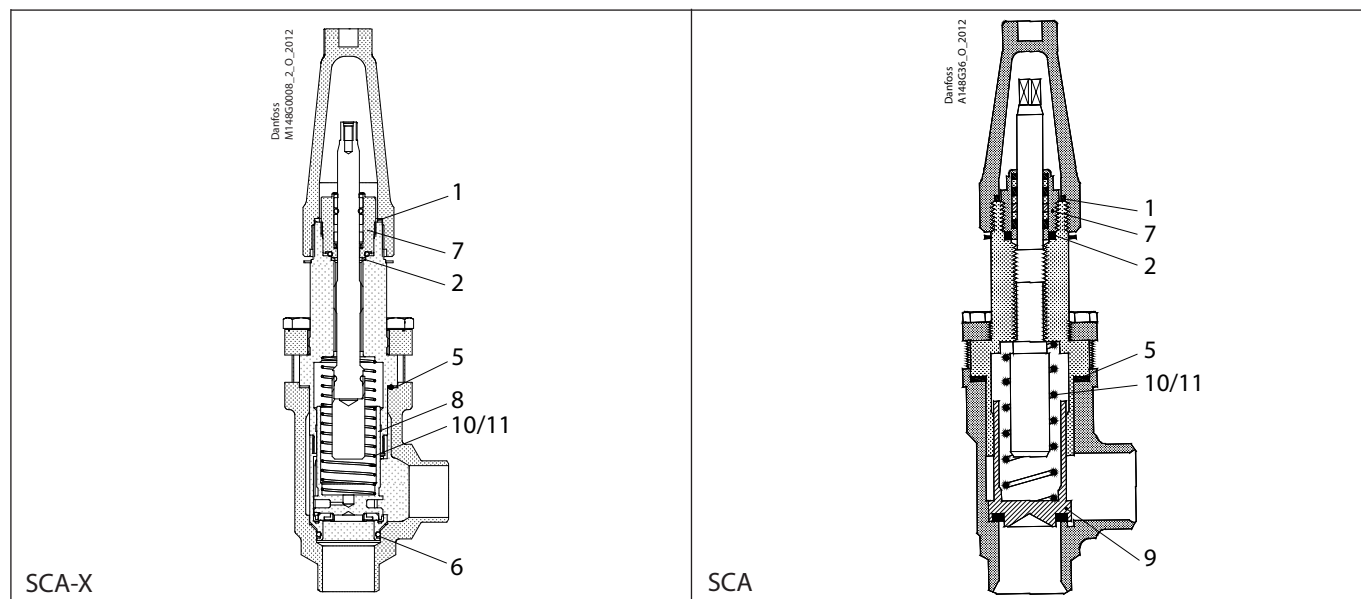


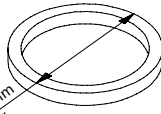
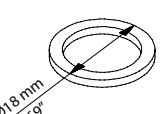
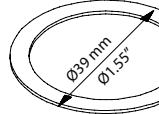
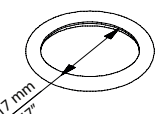
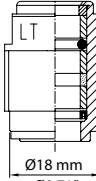
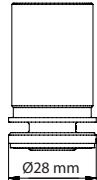
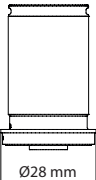
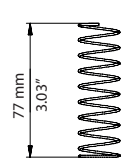
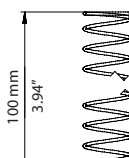
1 = Nylon Total no. = 1	3 Total no. = 1	5 = Fibre Total no. = 1	7 Total no. = 1	8 = PTFE Total no. = 1
9 Total no. = 1	10 Total no. = 13	11 Total no. = 1	12 Total no. = 1	13 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6160

SCA / SCA-X sizes 15 - 20



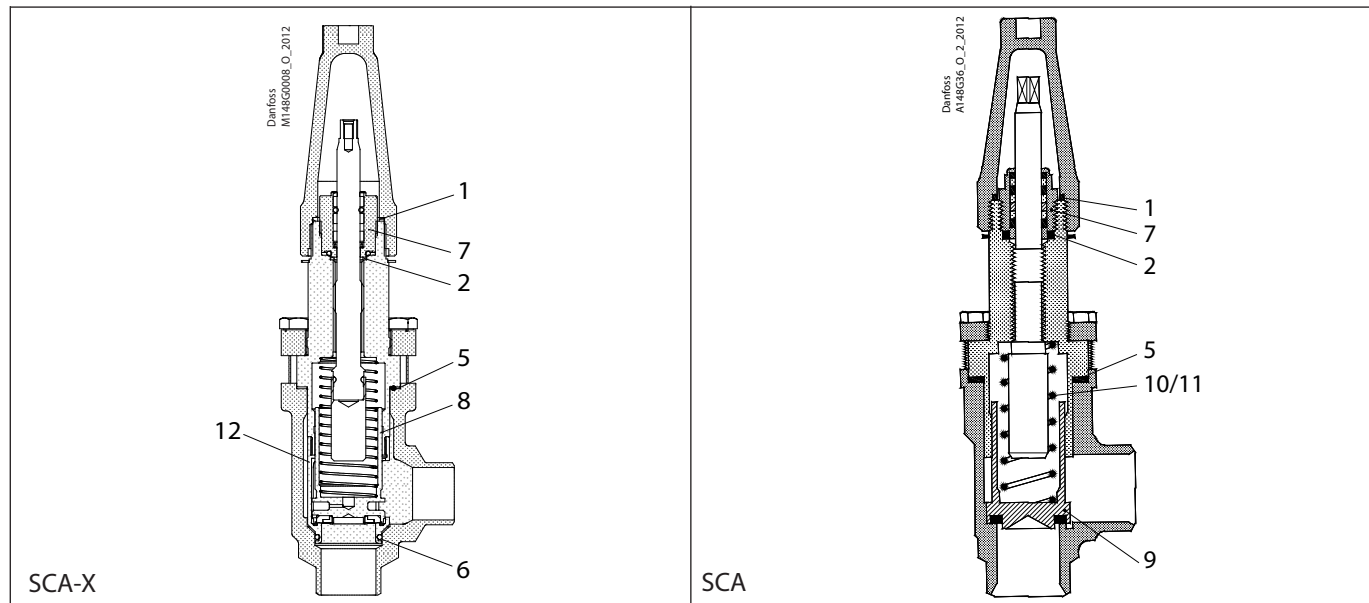
1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1	7  Total no. = 1
8  Total no. = 1	9  Total no. = 1	10  Total no. = 1	11  Total no. = 1	

NOTE:

When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6161 SCA / SCA-X sizes 25-40



1 Total no. = 1	2 Total no. = 1	5 Total no. = 1	6 Total no. = 1	7 Total no. = 1
8 Total no. = 1	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

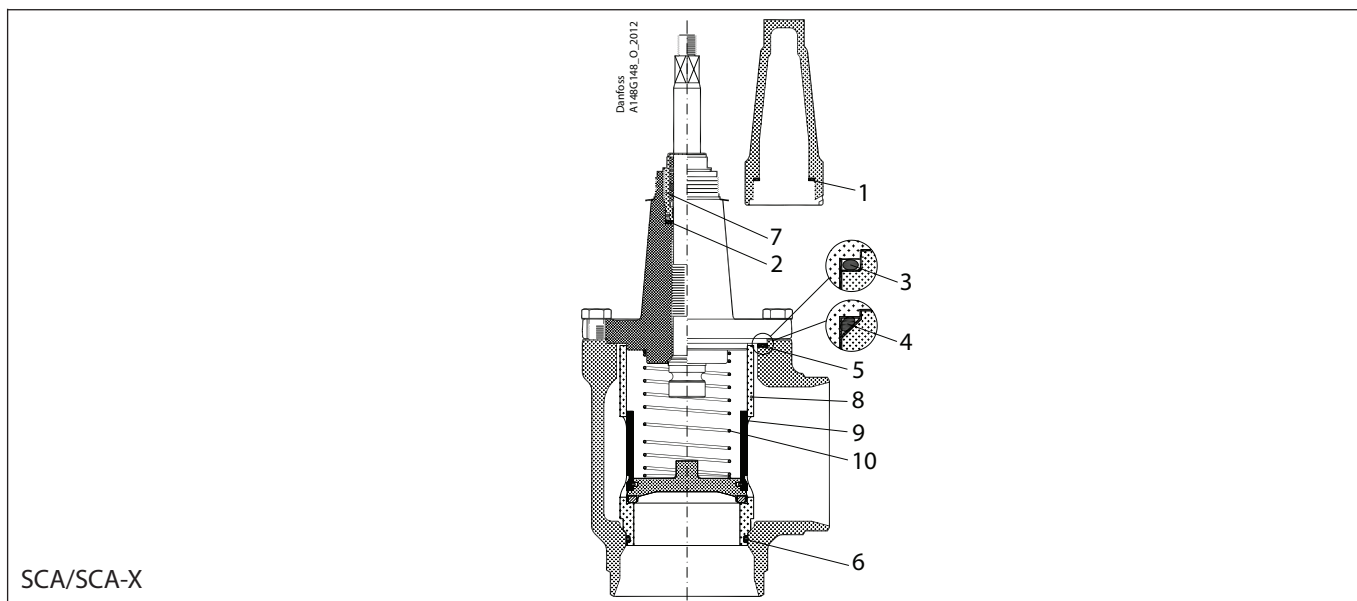
NOTE:

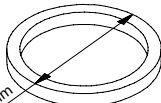
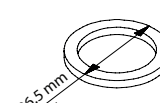
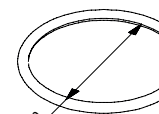
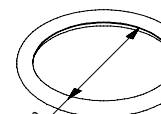
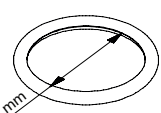
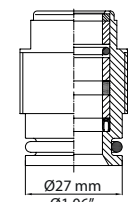
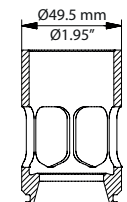
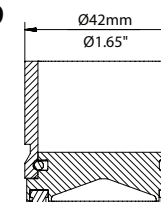
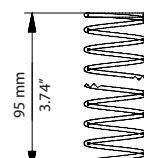
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6162

SCA / SCA-X sizes 50



1  = Nylon  Ø37 mm Ø1.46" Total no. = 1	2  = Alu.  Ø26.5 mm Ø1.04" Total no. = 1	3  Ø50 mm Ø1.97" Total no. = 1	4  Ø47 mm Ø1.85" Total no. = 1	5  = Fibre  Ø63.5 mm Ø2.5" Total no. = 1
6  Ø41 mm Ø1.61" Total no. = 1	7  Ø27 mm Ø1.06" Total no. = 1	8  Ø49.5 mm Ø1.95" Total no. = 1	9  Ø42mm Ø1.65" Total no. = 1	10  95 mm 3.74" Total no. = 1

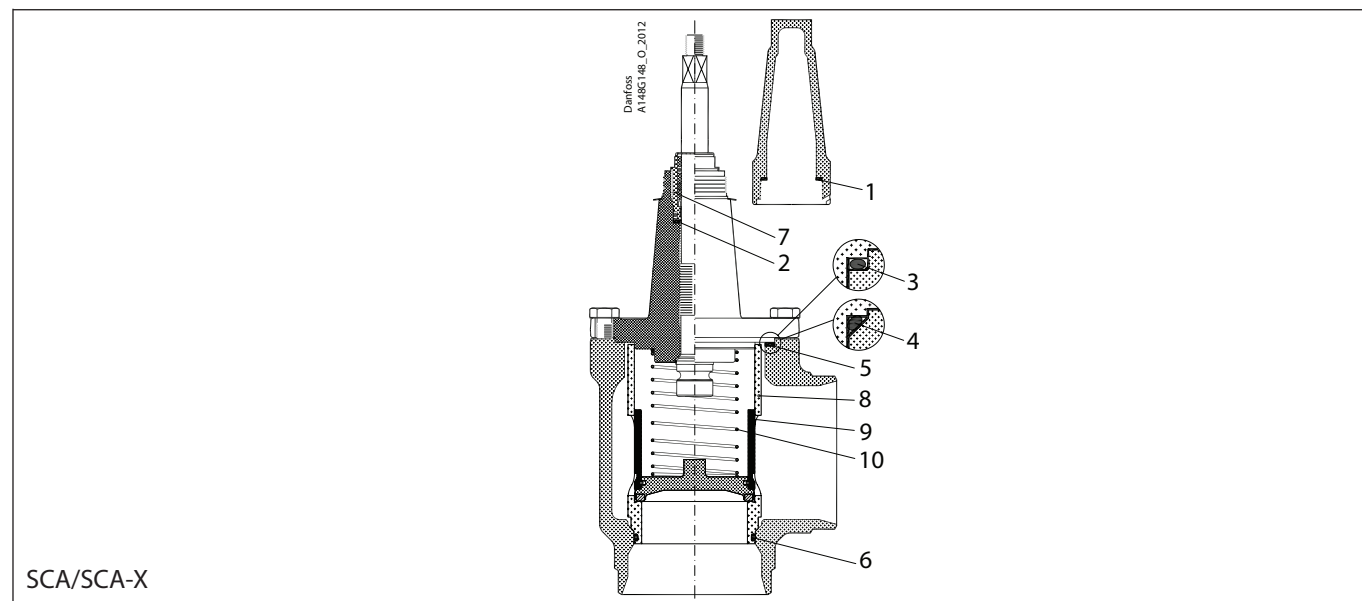
NOTE:

When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

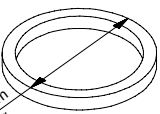
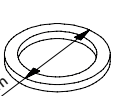
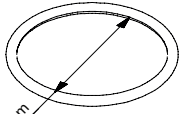
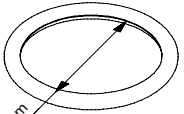
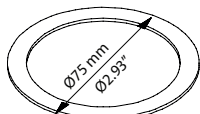
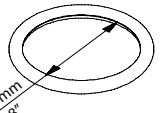
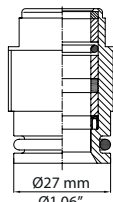
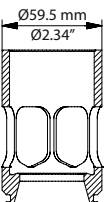
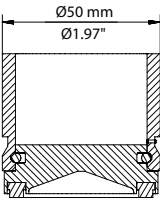
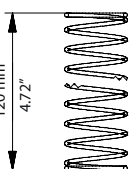
Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6163

SCA / SCA-X sizes 65



SCA/SCA-X

1  = Nylon  Ø37 mm Ø1.46" Total no. = 1	2  = Alu.  Ø26.5 mm Ø1.04" Total no. = 1	3   Ø63 mm Ø2.48" Total no. = 1	4   Ø57 mm Ø2.25" Total no. = 1	5  = Fibre  Ø75 mm Ø2.95" Total no. = 1
6   Ø50 mm Ø1.98" Total no. = 1	7  Ø27 mm Ø1.06" Total no. = 1	8  Ø59.5 mm Ø2.34" Total no. = 1	9  Ø50 mm Ø1.97" Total no. = 1	10  120 mm 4.72" Total no. = 1

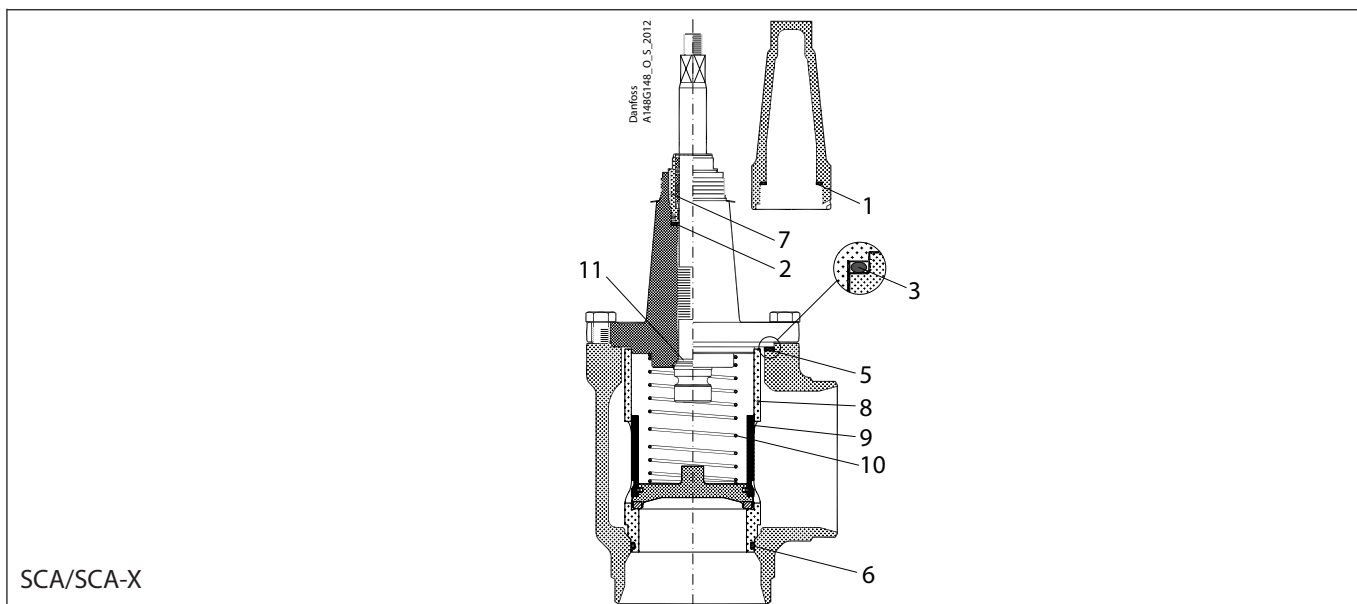
NOTE:

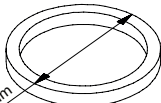
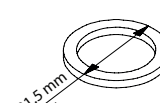
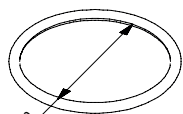
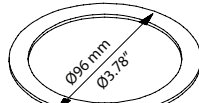
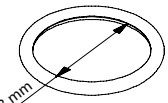
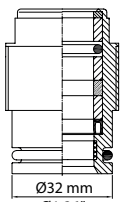
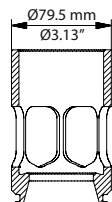
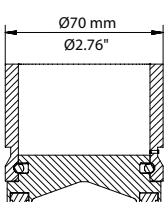
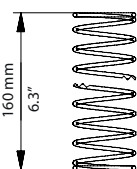
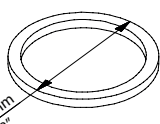
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6164

SCA / SCA-X sizes 80



1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3  Total no. = 1	5  = Fibre  Total no. = 1	6  Total no. = 1
7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	10  Total no. = 1	11  = PTFE  Total no. = 1

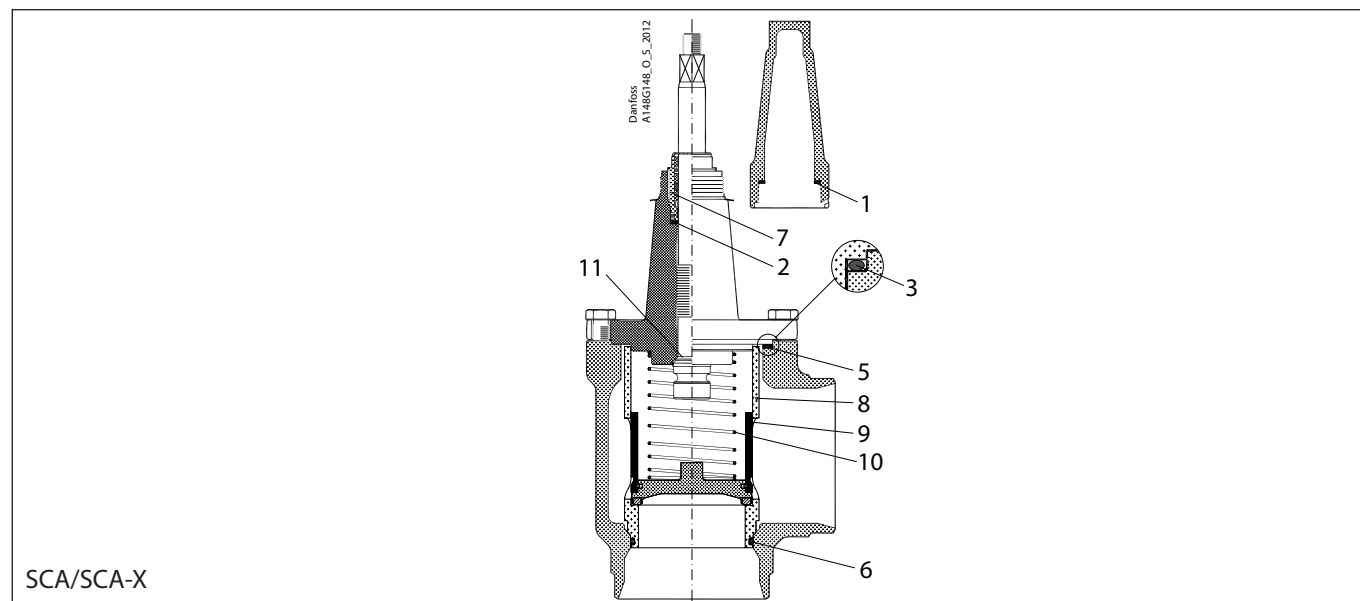
NOTE:

When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6165

SCA / SCA-X sizes 100



1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	3 = Fibre Total no. = 1	5 = Fibre Total no. = 1	6 = PTFE Total no. = 1
7 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1	11 = PTFE Total no. = 1

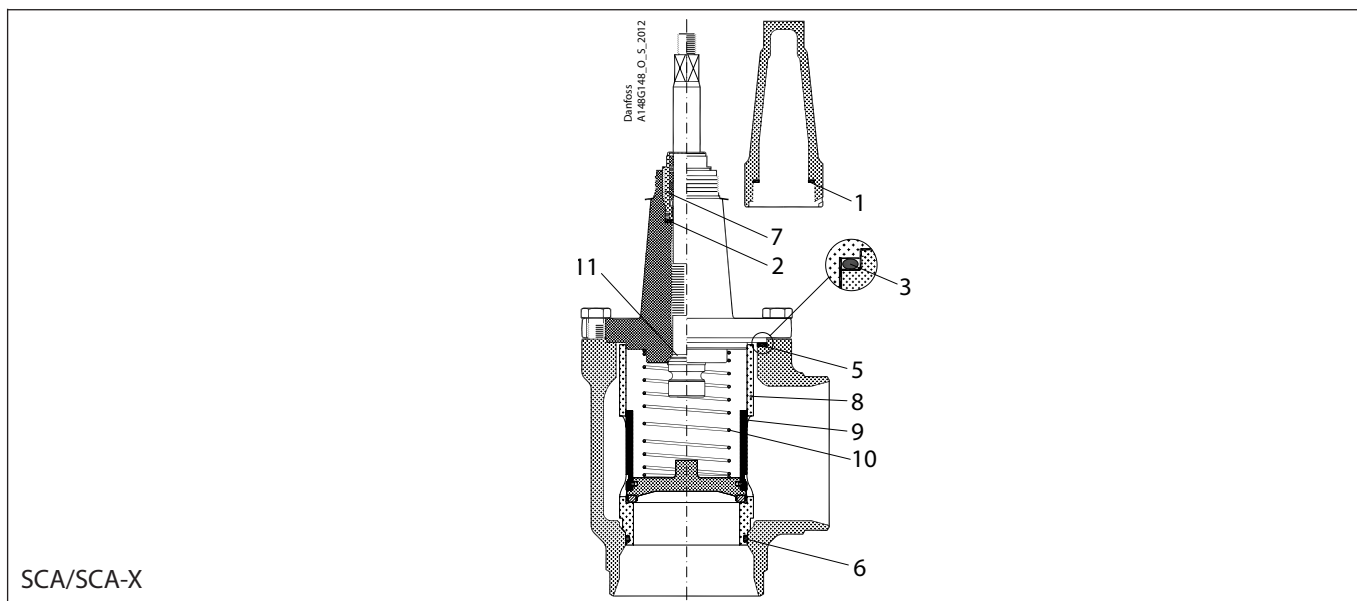
NOTE:

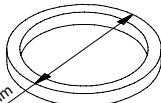
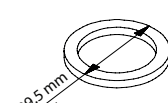
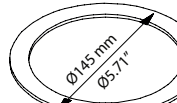
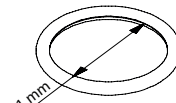
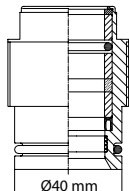
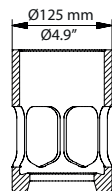
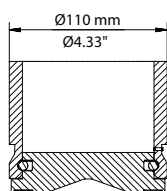
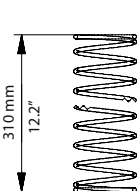
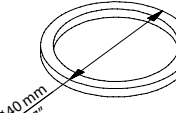
When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6166

SCA / SCA-X sizes 125



1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	3   Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1
7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	10  Total no. = 1	11  = PTFE  Total no. = 1

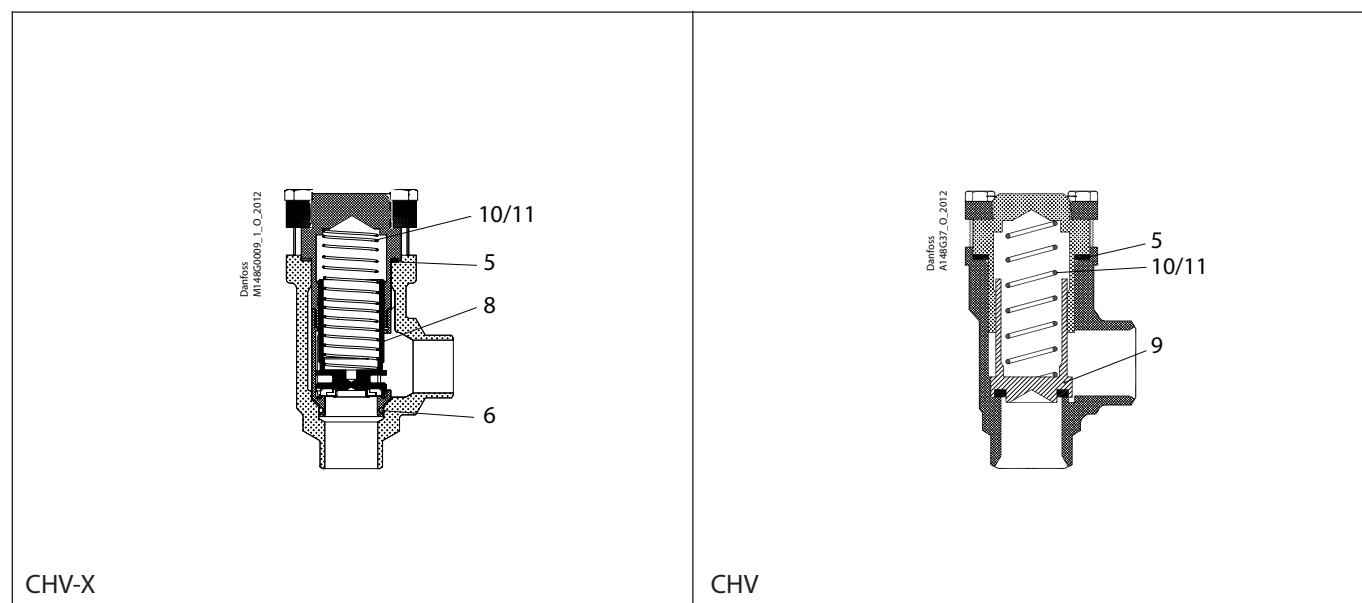
NOTE:

When replacing the packing gland (pos. 7) in SCA-X or SCA the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6167

CHV / CHV-X sizes 15 - 20

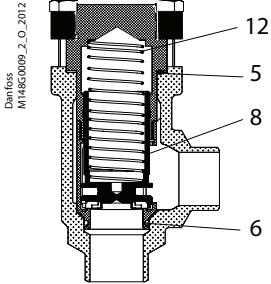
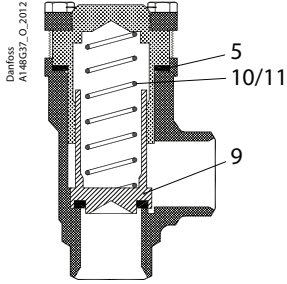


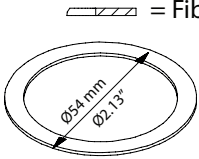
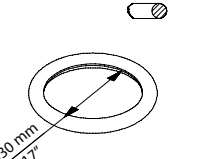
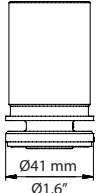
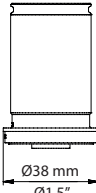
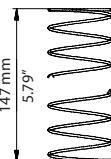
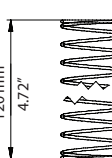
5 Total no. = 1	6 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1
11 Total no. = 1				

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6168

CHV / CHV-X sizes 25 - 40

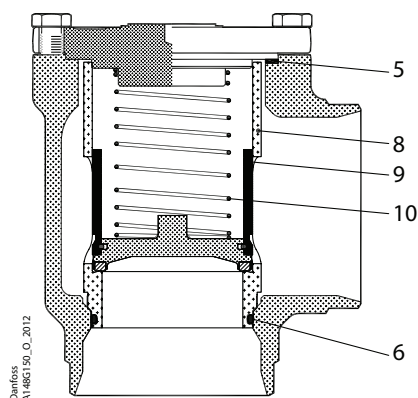
 CHV-X	 CHV
--	--

5  Total no. = 1	6  Total no. = 1	8  Total no. = 1	9  Total no. = 1	10  Total no. = 1
11  Total no. = 1	12  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6169

CHV / CHV-X sizes 50



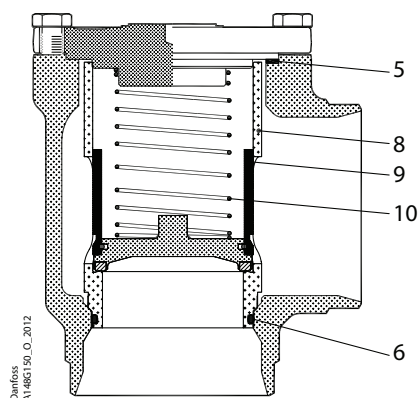
CHV/CHV-X

5 = Fibre Total no. = 1	6 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1
---	--------------------------------------	--------------------------------------	--------------------------------------	---------------------------------------

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6170

CHV / CHV-X sizes 65



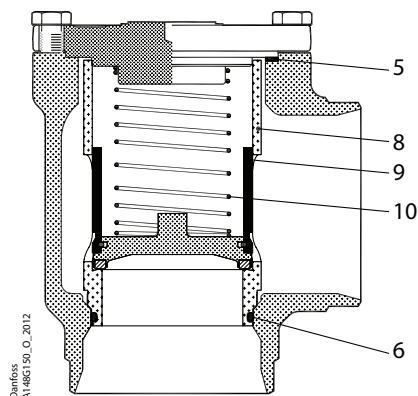
CHV/CHV-X

5 Total no. = 1	6 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1
--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	---------------------------------------

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6171

CHV / CHV-X sizes 80



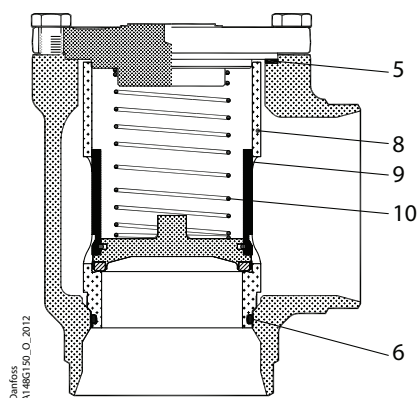
CHV/CHV-X

5 = Fibre Ø86 mm Ø3.78" Total no. = 1	6 Ø63 mm Ø2.48" Total no. = 1	8 Ø79.5 mm Ø3.13" Total no. = 1	9 Ø70 mm Ø2.76" Total no. = 1	10 160 mm 6.3" Total no. = 1
--	---	---	---	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6172

CHV / CHV-X sizes 100

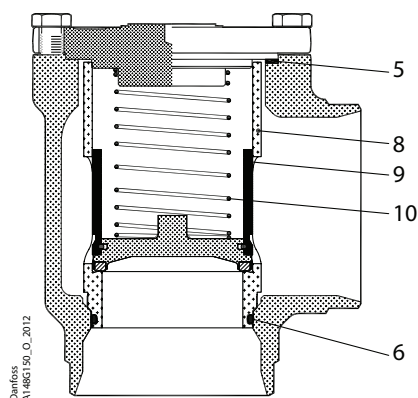


CHV/CHV-X

5 Total no. = 1	6 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1
--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	---------------------------------------

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6173
CHV / CHV-X sizes 125

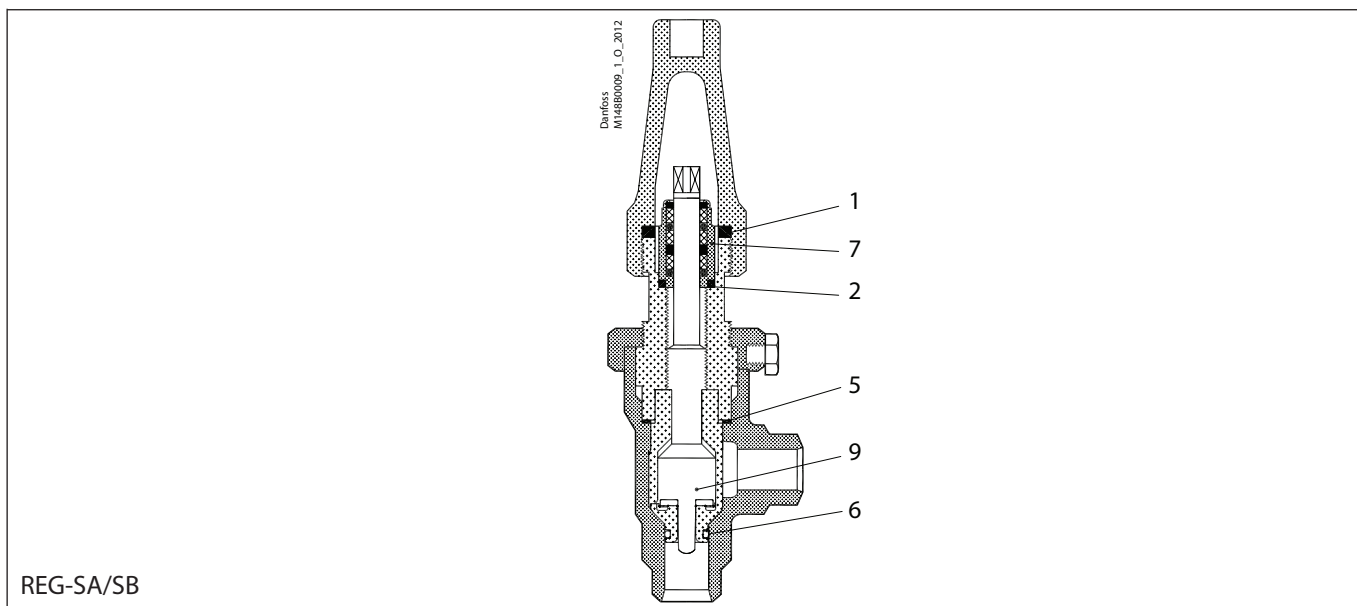


CHV/CHV-X

5 = Fibre Ø145 mm Ø5.71" Total no. = 1	6 Ø101 mm Ø3.98" Total no. = 1	8 Ø125 mm 4.9" Total no. = 1	9 Ø110 mm Ø4.33" Total no. = 1	10 310 mm 12.2" Total no. = 1
---	--	--	--	---

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6174
REG-SA/SB size 10



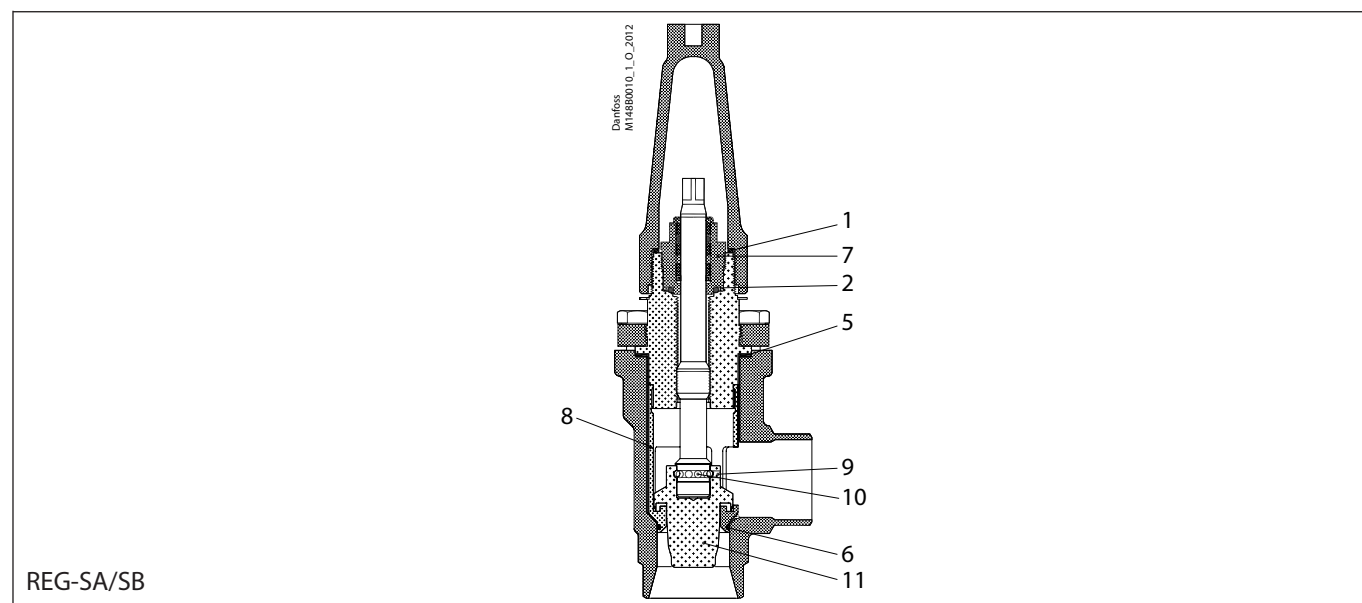
1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	5 = Alu. Total no. = 1	9 Total no. = 1	9 Total no. = 1
6 Total no. = 1	7 Total no. = 1			

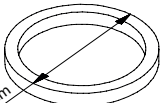
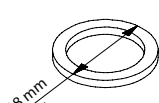
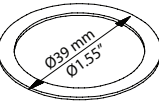
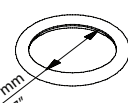
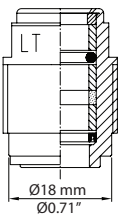
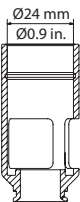
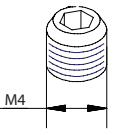
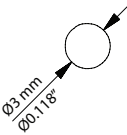
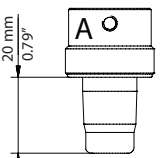
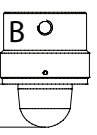
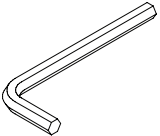
NOTE:

When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6175
REG-SA/SB size 15-20



1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1	7  Ø18 mm Ø0.71" Total no. = 1
8  Total no. = 1	9  Total no. = 1	10  Total no. = 10	11  Total no. = 1	11  Total no. = 1
12  Total no. = 1				

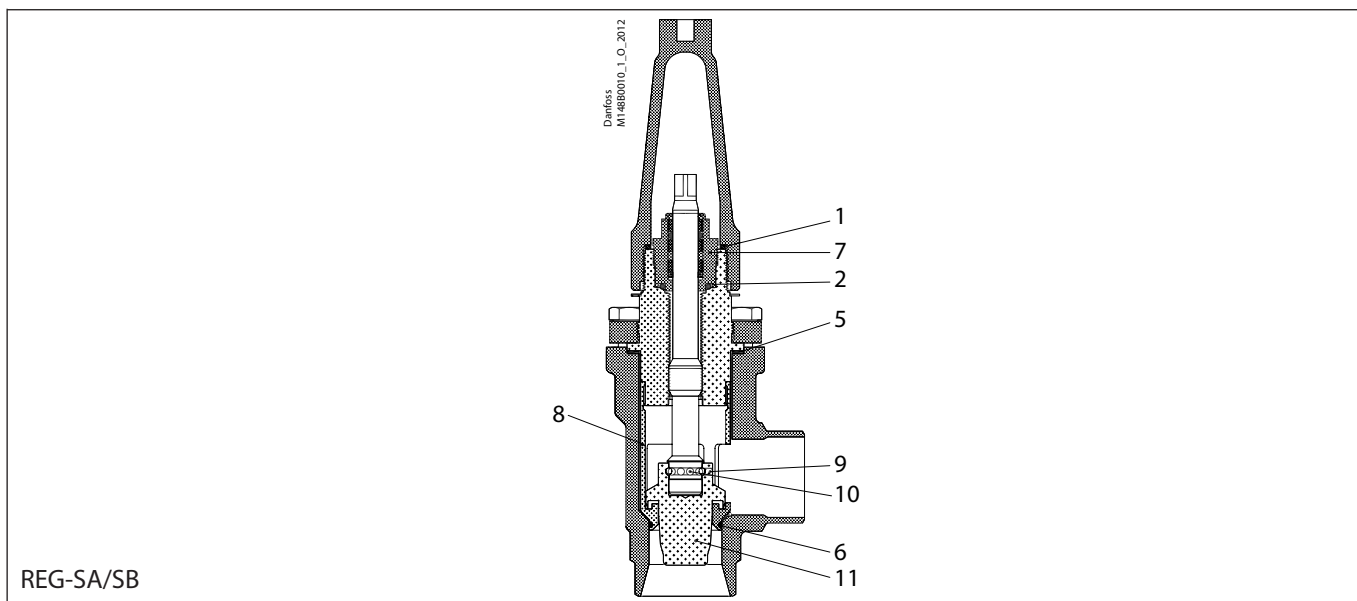
NOTE:

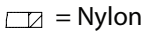
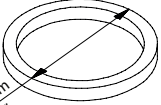
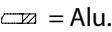
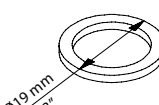
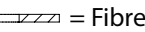
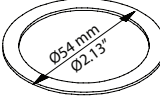
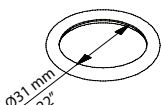
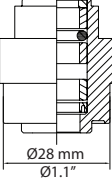
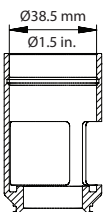
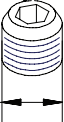
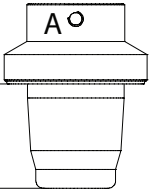
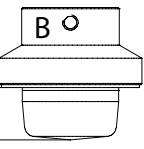
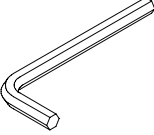
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6176

REG-SA/SB size 25-40



1  = Nylon  Total no. = 1	2  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6   Total no. = 1	7  Ø28 mm Ø1.1\" data-bbox="832 518 892 528"/> Total no. = 1
8  Ø38.5 mm Ø1.5 in. Total no. = 1	9  M4 Total no. = 1	10  Ø3 mm Ø0.118\" data-bbox="472 612 512 638"/> Total no. = 14	11  A 28 mm 1.09\" data-bbox="622 588 638 648"/> Total no. = 1	11  B 14 mm 0.55\" data-bbox="792 588 808 638"/> Total no. = 1
12  Total no. = 1				

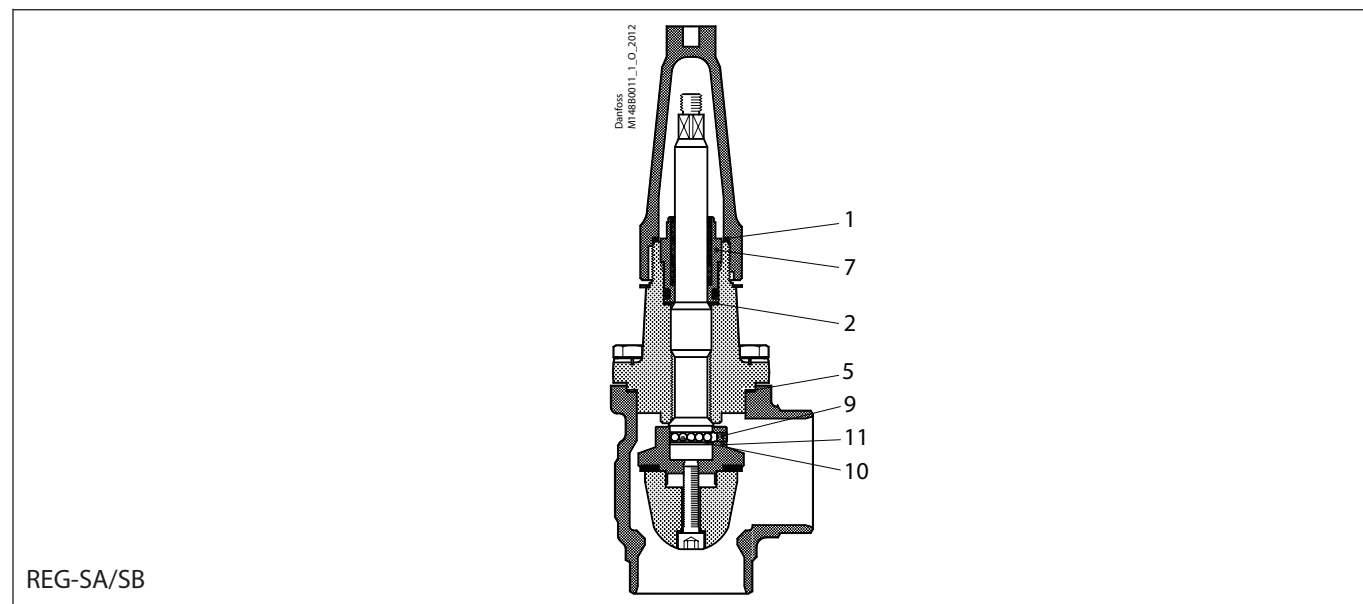
NOTE:

When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6177

REG-SA/SB size 50



1 = Nylon Total no. = 1	2 = Alu. Total no. = 1	5 = Fibre Total no. = 1	7 Total no. = 1	9 Total no. = 1
10 Total no. = 14	11 Total no. = 1	12 Total no. = 1		

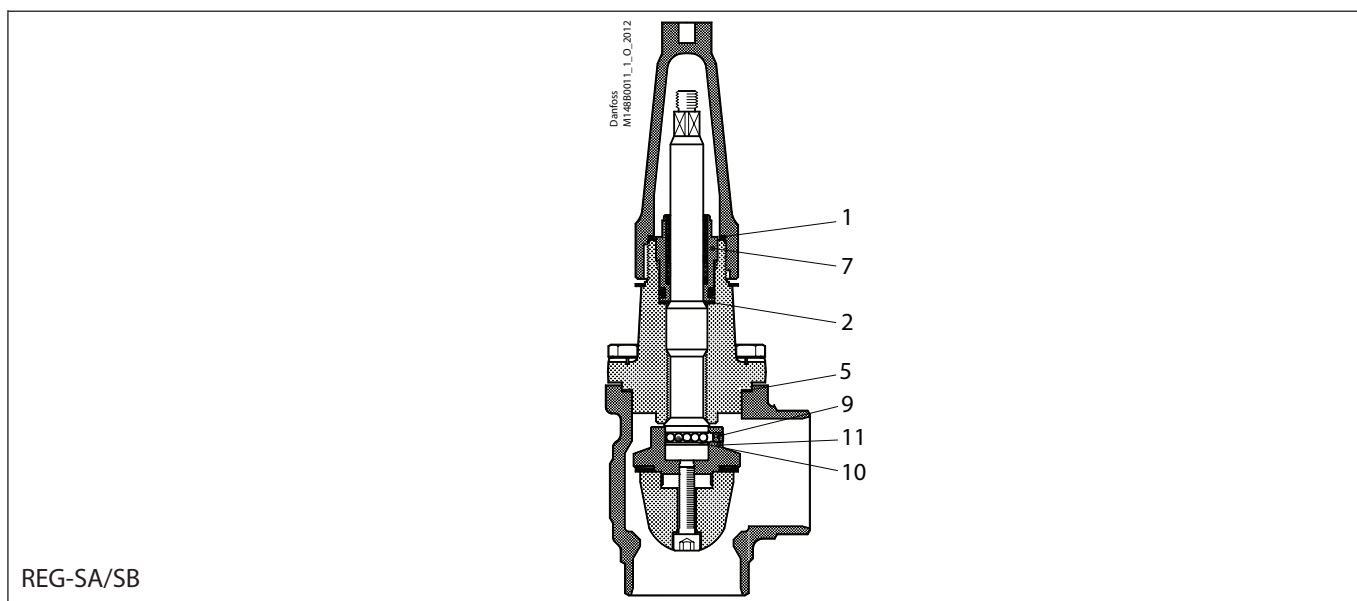
NOTE:

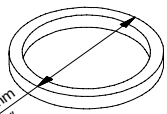
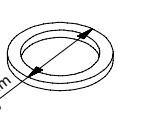
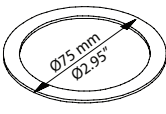
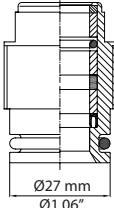
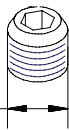
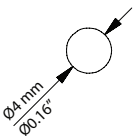
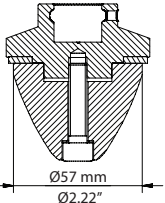
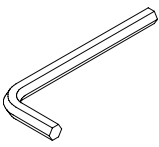
When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 148B6178

REG-SA/SB size 65



1  = Nylon  Ø37 mm Ø1.46" Total no. = 1	2  = Alu.  Ø26.5 mm Ø1.04" Total no. = 1	5  = Fibre  Ø75 mm Ø2.95" Total no. = 1	7  Ø27 mm Ø1.06" Total no. = 1	9  M5 Total no. = 1
10  Ø4 mm Ø0.16" Total no. = 14	11  Ø57 mm Ø2.22" Total no. = 1	12  Total no. = 1		

NOTE:

When replacing the packing gland (pos. 7) in REG-SA/B or REG the aluminium gasket (pos. 2) is needed.

Data sheet – Spare parts and accessories

SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, SVA-140B, REG, REG-SA/SB, SCA, SCA-X and FIA Accessories

Cap incl. gasket for SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, REG, REG-SA/SB, SCA and SCA-X

Valve size	Code number
3-10	148B4074
15-20	148B4075
25-65	148B4076
80-100	148B4077
125-150	148B4078
200	148B4079

Please note: All accessory caps are red.

Hand wheel incl. nut and washer for SVA, SVA-ST, SVA-LT, SVA-HS, SVA-S, SVA-L, REG, REG-SA/SB, SCA and SCA-X

Valve size	Code number
3-10	148B4073
15-20	148B4060
25-40	148B4062
50-65	148B4064
80	148B4065
100	148B4066
125-150	148B4067
200	148B4068

Hand wheel for SVA-140B 125-150

Valve size	Code number
125-150	148B6945

Spring for SCA, SCA-X, CHV and CHV-X

Valve size	0.04 bar / 0.58 psi Code number	0.3 bar / 4.35 psi Code number
15-20	148G3204	148G3206
25-40*	148G3205	148G3207
25-40**	148B6180	148B6179
50	148G3475	148G3480
65	148G3476	148G3481
80	148G3477	148G3482

Special spring for horizontal installation:
Note: Horizontal installation of the SCA/CHV should be based on customers in situ testing. Danfoss do not accept claims from horizontal installed check valves.

Valve size	Code number
80	148B6181
100	148B6182

* Before Nov. 2012

** After Nov. 2012

Gasket for housing/top cover for SVA-HS, SVA-S, SVA-L and FIA

Valve / filter size	Code number
15-20	148B4153
25-40	148B4154
50	148B4155
65	148B4156
80	148B4157
100	148B4158
125	148B4159
150	148B4160
200	148B4161

Grease for packing gland	All types and sizes	148H3445
---------------------------------	---------------------	----------

Replacement kits* for R717 Ammonia Heat Pump and R1270 Propylene applications** for SCA-X, CHV-X sizes 15-125 and REG SA/SB sizes 10-40

Valve size	R717 Heat Pump	R1270 Propylene
10	148B6084	148B6085
15	148B6070	148B6077
20	148B6070	148B6077
25	148B6071	148B6078
32	148B6071	148B6078
40	148B6071	148B6078
50	148B6072	148B6079
65	148B6073	148B6080
80	148B6074	148B6081
100	148B6075	148B6082
125	148B6076	148B6083

* Not needed for SVA, FIA and REG50/65

** Replacement kits for R717 Ammonia Heat Pump is applicable for continuous operating temperature between +100°C to 150°C (212°F to 302°F)

HL Packing Gland for special and/or high demanding applications/conditions

Valve size	Code number
15-20	148B4137
25-40	148B4138
50-65	148B4139
80-100	148B4140
125-150	148B4141

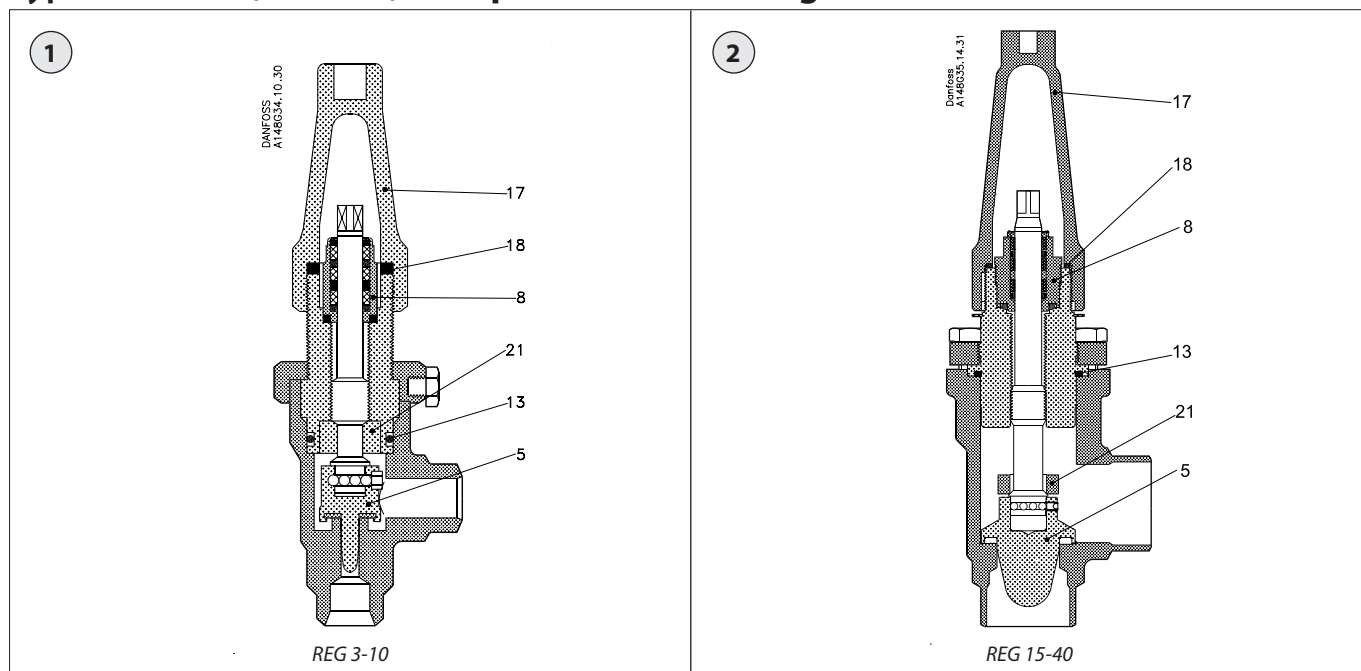
Lockout Ring Seal Caps

Valve size	Codes
15-150	148B6707

Data sheet – Spare parts and accessories

Hand regulating valves

Type REG 3-40 (1/8-1 1/2 in.) with previous cone design



REG 3-10 (1/8 - 3/8 in.) - fig. 1

Description	Pos. #	Code no. For cone number (*)
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	(1) 2453+035 (2) 2453+036 (3) 2453+037
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	

Cap incl. gasket

Cap incl. gasket	17,18	148B4074
------------------	-------	----------

REG 25-40 (1 - 1 1/2 in.) - fig. 2

Description	Pos. #	Code no. For cone number (*)
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	(8) 2453+042 (9) 2453+043 (10) 2453+044
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	

Cap incl. gasket

Cap incl. gasket	17,18	148B4076
------------------	-------	----------

REG 15-25 (1/2 - 1 in.) - fig. 2

Description	Pos. #	Code no. For cone number (*)
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	(4) 2453+038 (5) 2453+039 (6) 2453+040 (7) 2453+041
Gaskets complete for packing gland	8a	
O-ring for housing/bonnet	13	
Gasket for cap	18	
Distance ring	21	
Allen key	-	

Cap incl. gasket

Cap incl. gasket	17,18	148B4075
------------------	-------	----------

All types

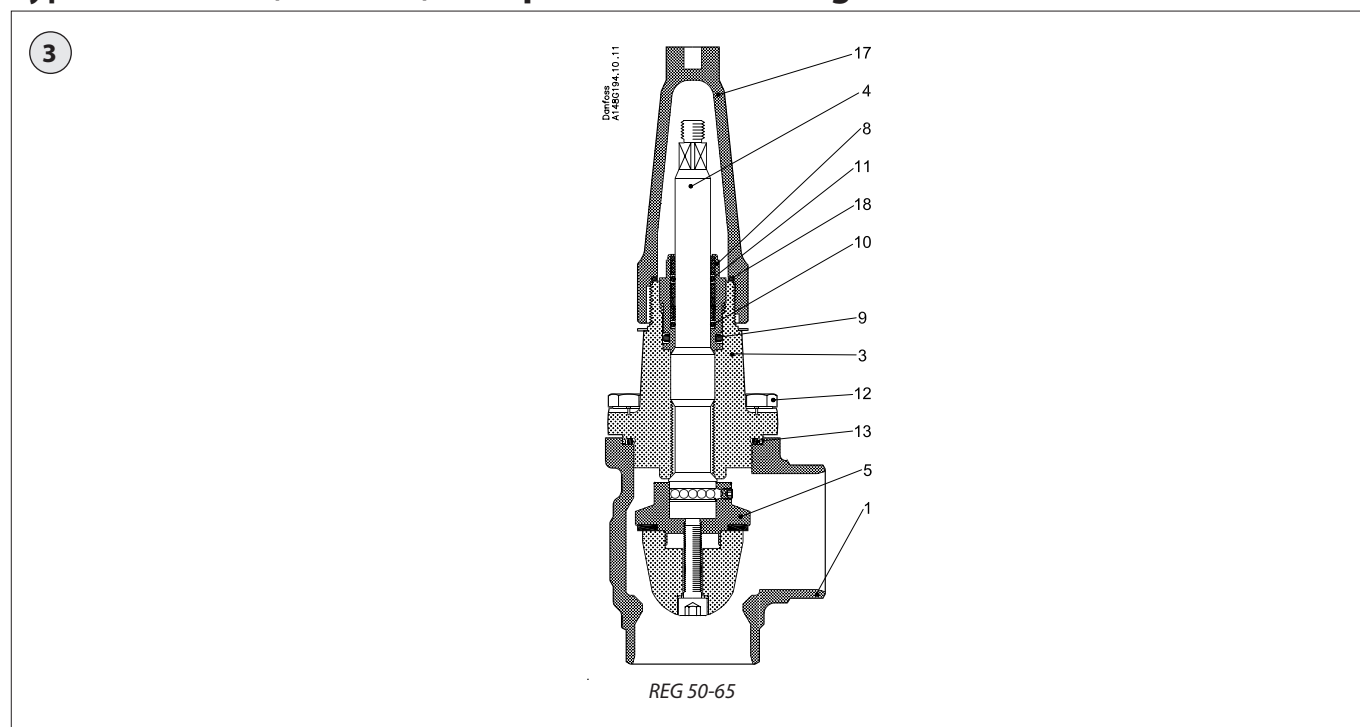
Description	Code no.
Grease for packing gland (tube)	
Grease for packing gland (tube)	148H3445

* **Note:** Cone no. equal to last digit in type designation
(e.g. REG 15 A XXn, n = cone no.)

Data sheet – Spare parts and accessories

Hand regulating valves

Type REG 50-65 (2 - 2½ in.) with previous cone design



REG 50 (2 in.) - fig. 3

Description	Pos. #	Code no. For cone number (*)
Repair kit, complete set of gaskets		
Cone complete incl. steel balls and Allen screw	5	(11) 148G3197
Packing gland incl. gaskets	8	
O-ring for housing / bonnet	13	
Gasket for cap	18	
Allen key	-	
Cap incl. gasket		
Cap incl. gasket	17,18	148B4076

REG 65 (2½ in.) - fig. 3

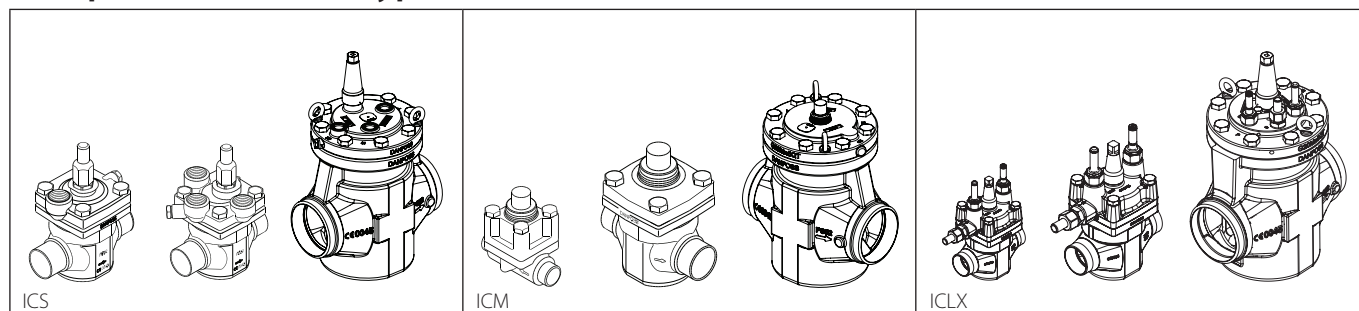
Description	Pos. #	Code no.
Cap incl. gasket		
Cap incl. gasket	17,18	148B4076

All types

Description	Code no.
Grease for packing gland (tube)	
Grease for packing gland (tube)	148H3445

Data sheet – Spare parts and accessories

Pilot operated servo valve, type ICS | Motor operated valve, type ICM | 2-step solenoid valve, type ICLX



Valve type	Size	See details on page #	Code no.
------------	------	-----------------------	----------

Inspection kits

ICS, ICM, ICLX	25 ¹⁾	75	027H2218
	32	76	027H3016
	40	77	027H4014
	50	78	027H5014
	65 / 80	79	027H6016
	100	80	027H7191
	125	81	027H7194
	150	82	027H7196

Repair kits

ICS, ICLX	25 ²⁾	83	027H2219
	32	84	027H3017
	40	85	027H4015
	50	86	027H5015
	65 / 80	87	027H6017
	100	88	027H7192
	125	89	027H7204
ICM	150	90	027H7197
	20	91	027H1190
	100	92	027H7135 ³⁾
	125	93	027H7155 ³⁾
	150	94	027H7175 ³⁾
	100	92	027H7479 ⁴⁾
	125	93	027H7480 ⁴⁾
	150	94	027H7481 ⁴⁾

Overhaul kit, ICS

ICS	25-5	95	027H2225
	25-10	96	027H2138
	25-15	97	027H3019
	25-20	98	027H3043
	25-25	99	027H3044
	32	100	027H3018
	40	101	027H4016

¹⁾ ICS and ICM only

²⁾ ICS only

³⁾ Standard with cast iron nut

⁴⁾ With peek nut (standard untill Week 49, 2021)

Valve type	Size	See details on page #	Code no.
------------	------	-----------------------	----------

Overhaul kit, ICS

ICS	50	102	027H5016
	65	103	027H6018
	80	104	027H6028
	100	105	027H7193
	125	106	027H7195
	150	107	027H7198

Overhaul kit, ICM

ICM	20A	108	027H1180
	20A-33	109	027H1186
	20B	110	027H1181
	20B-66	111	027H1194
	20C	112	027H1182
	25A	113	027H2180
	25B	114	027H2181
	32A	115	027H3180
	32B	116	027H3181
	40A	117	027H4180
	40B	118	027H4181
	50A	119	027H5180
	50B	120	027H5181
	65A	121	027H6180
	65B	122	027H6181
	100	123	027H7136
	125	124	027H7156
	150	125	027H7176

Overhaul kit, ICLX

ICLX	32	126	027H3204
	40	127	027H4204
	50	128	027H5204
	65 / 80	129	027H6204
	100	130	027H7221
	125	131	027H7222
	150	132	027H7223

Accessories

for ICS		133	
for ICM		135	
for ICLX		137	

Inspection kits:

Contain all gaskets, O-rings and aluminum rings belonging to one valve size. For detailed content, see specific pages mentioned above.

Repair kits:

Contain all gaskets, O-rings and aluminum rings belonging to one valve size, valve seat and piston ring. For detailed content, see specific pages mentioned above.

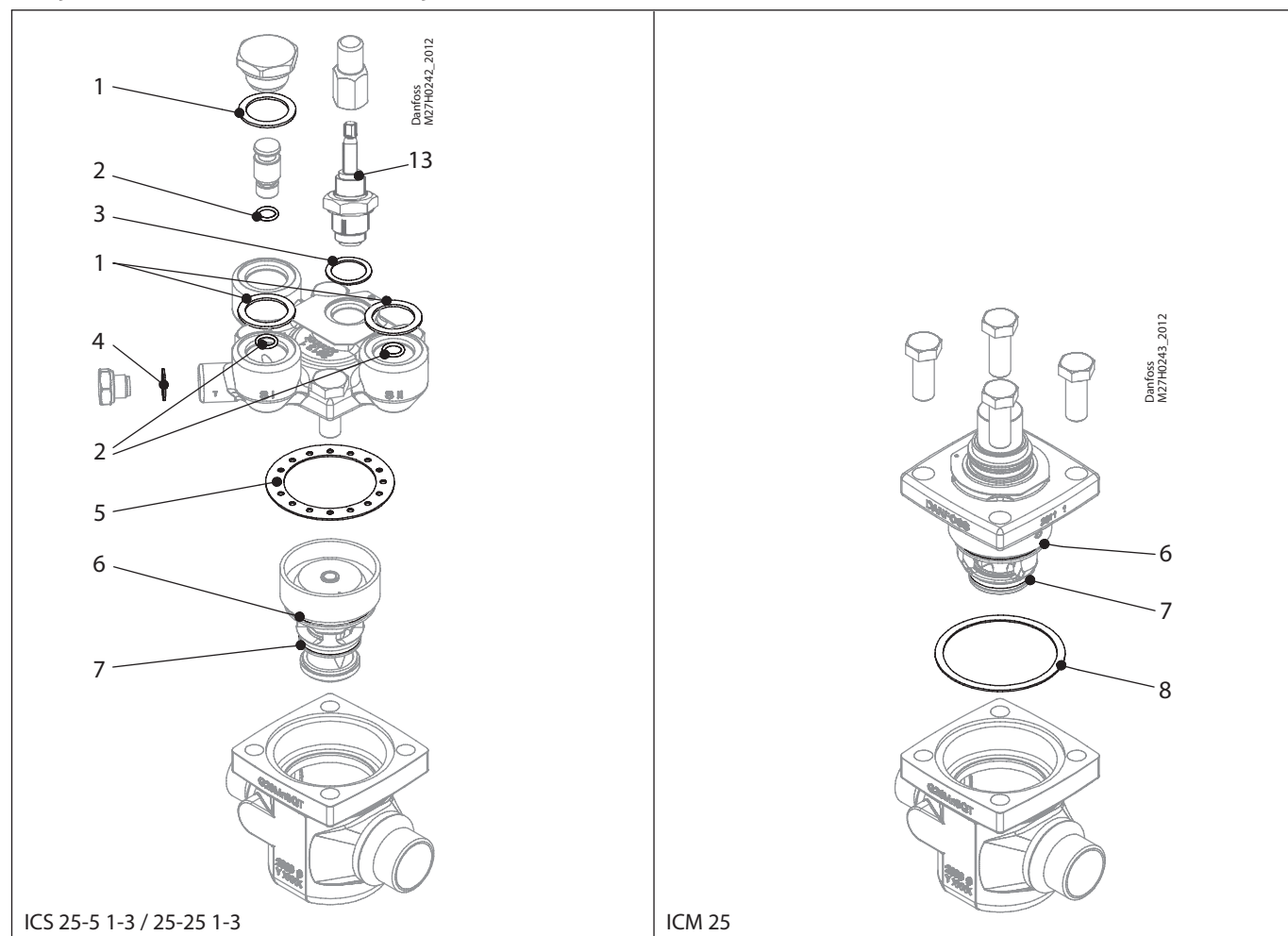
Overhaul kits:

Contain all gaskets, O-rings and aluminum rings belonging to 1 valve size and parts what could be damaged or worn out. Where possible, code numbers of complete modules or top parts from parts program are used. For detailed content, see specific pages mentioned above.

Data sheet – Spare parts and accessories

Inspection kit | Code number 027H2218

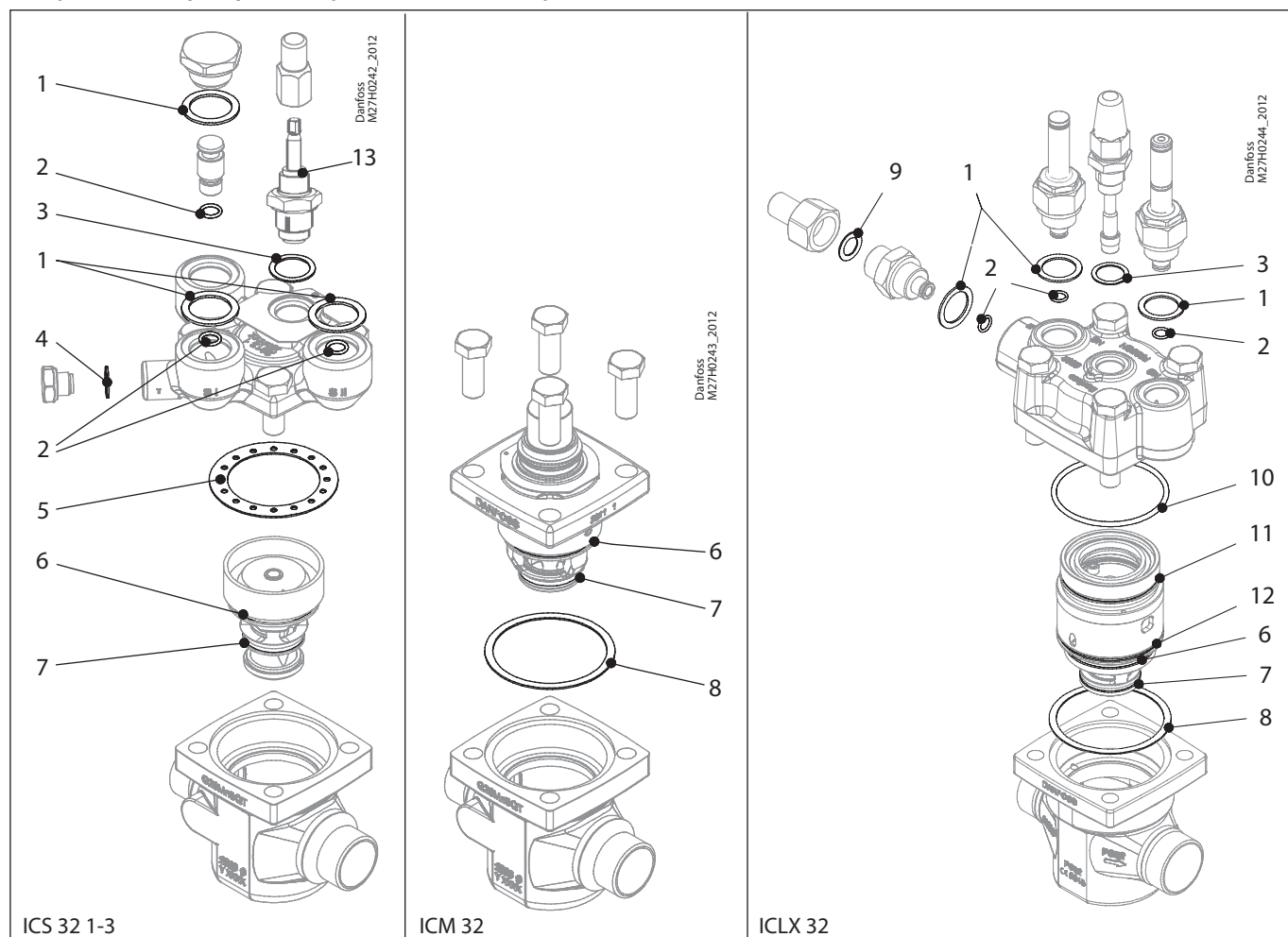
ICS, size 25-5 to 25-25 / ICM, size 25

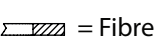
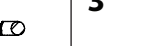
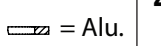
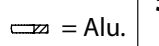
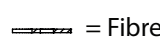
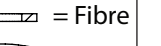
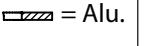
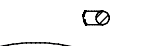


1 = Fibre Total no. = 3	2 = O-ring Total no. = 3	3 = Alu. Total no. = 1	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1
6 = O-ring Total no. = 1	7 = O-ring Total no. = 2	8 = Fibre Total no. = 1	13 = Fibre Total no. = 1	

Data sheet – Spare parts and accessories

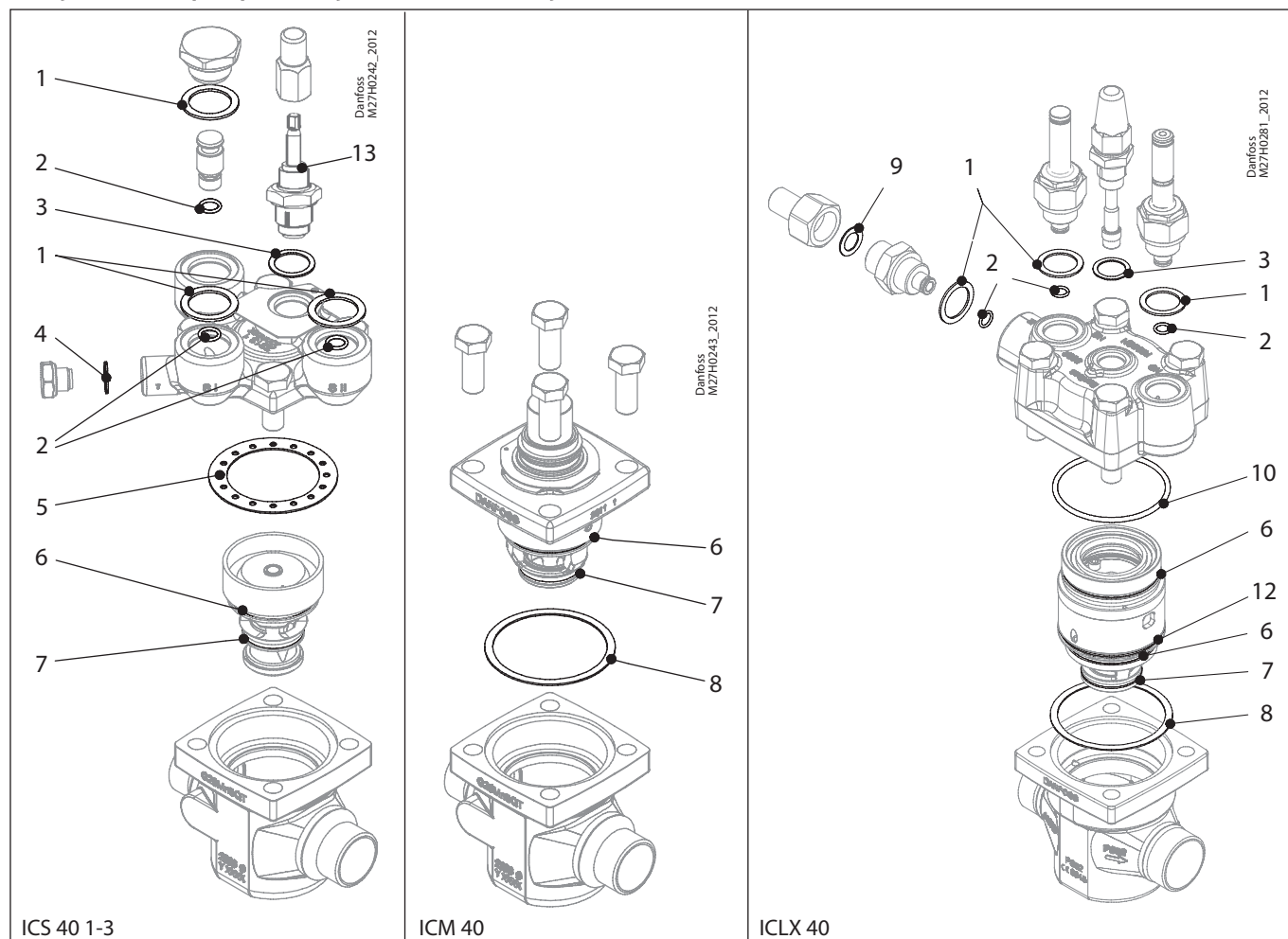
Inspection kit | Code number 027H3016
ICS, size 32 (1-3) / ICM, size 32 / ICLX, size 32



1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  = Fibre Total no. = 1	9  = Alu. Total no. = 1	10  Total no. = 1
11  Total no. = 1	12  Total no. = 1	13  Total no. = 1		

Data sheet – Spare parts and accessories

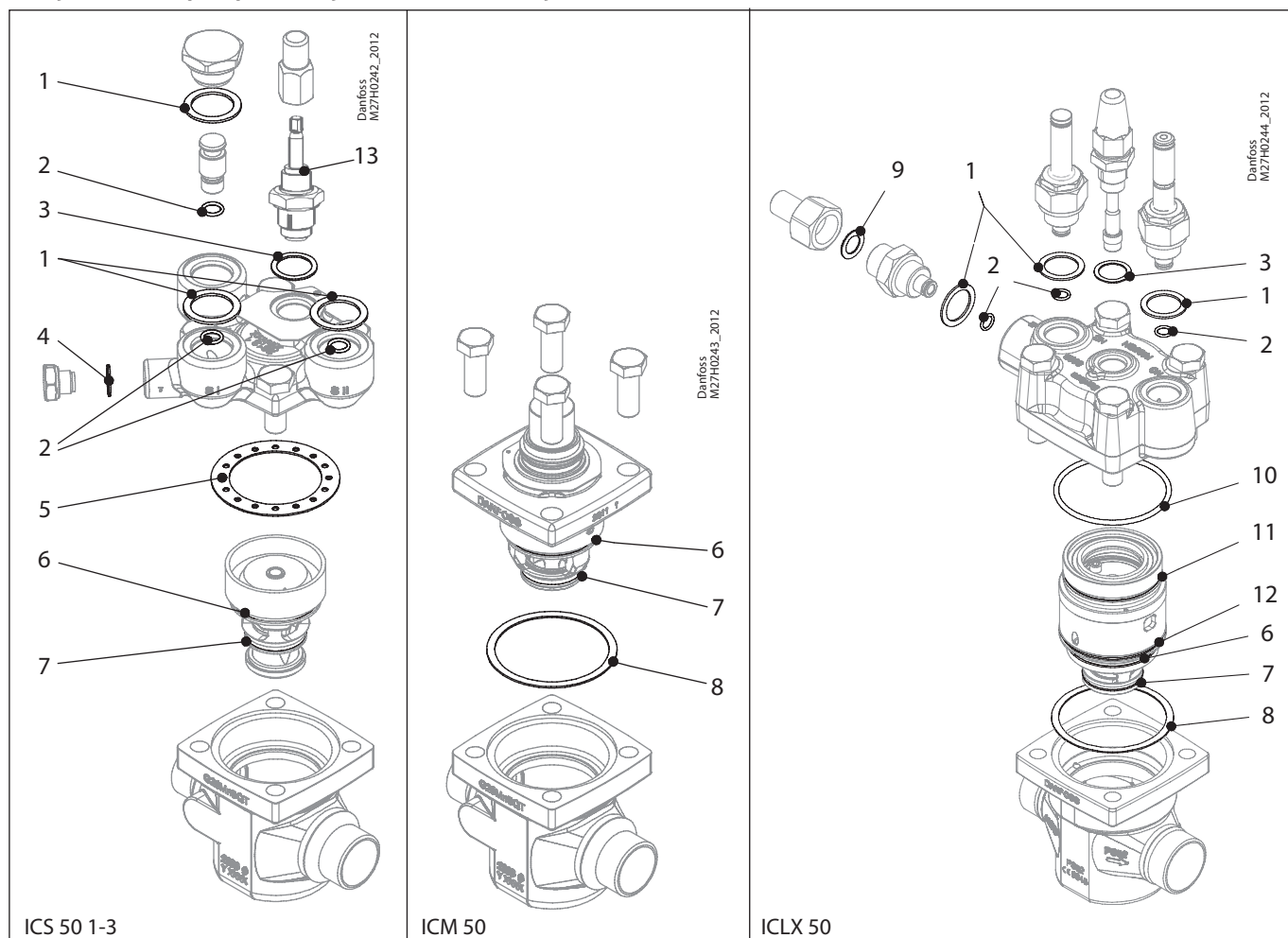
Inspection kit | Code number 027H4014
ICS, size 40 (1-3) / ICM, size 40 / ICLX, size 40

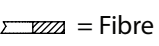


1  = Fibre Total no. = 3	2  = Al. Total no. = 3	3  = Al. Total no. = 1	4  = Al. Total no. = 1	5  = Fibre Total no. = 1
6  = Al. Total no. = 2	7  = Al. Total no. = 1	8  = Fibre Total no. = 1	9  = Al. Total no. = 1	10  = Al. Total no. = 1
12  = Al. Total no. = 1	13  = Al. Total no. = 1			

Data sheet – Spare parts and accessories

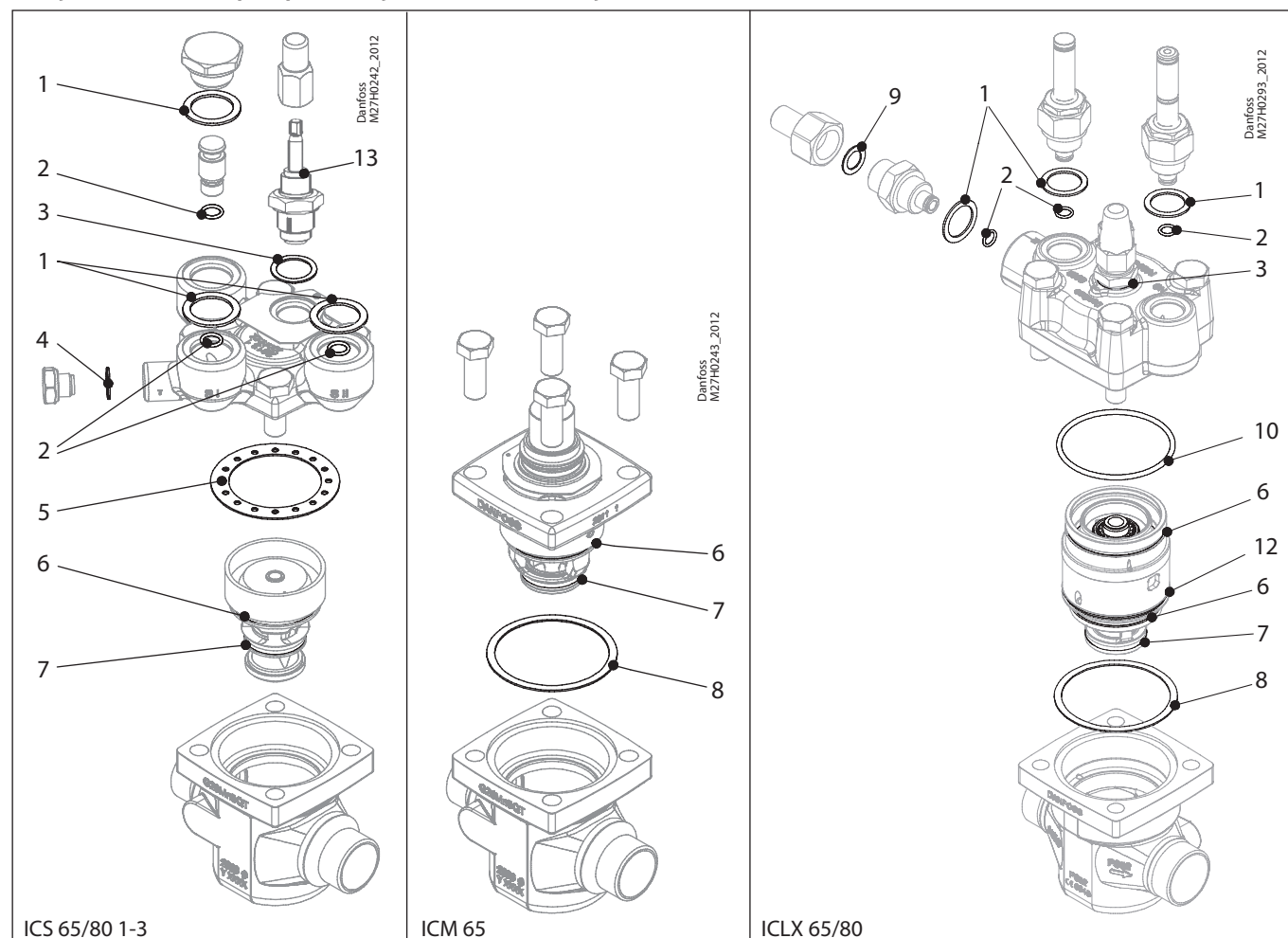
Inspection kit | Code number 027H5014
ICS, size 50 (1-3) / ICM, size 50 / ICLX, size 50

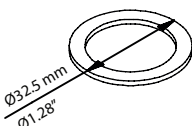
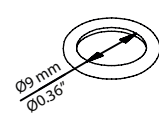
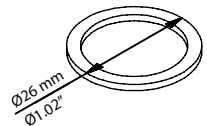
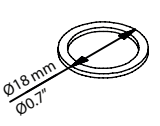
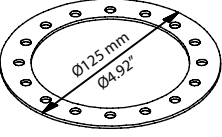
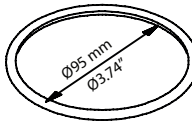
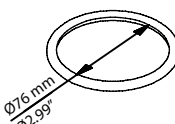
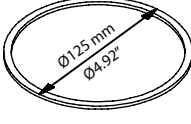
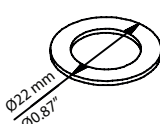
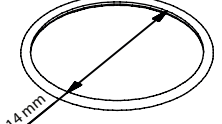
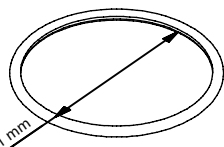
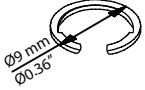


1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  = Fibre Total no. = 1	9  = Alu. Total no. = 1	10  Total no. = 1
11  Total no. = 1	12  Total no. = 1	13  Total no. = 1		

Data sheet – Spare parts and accessories

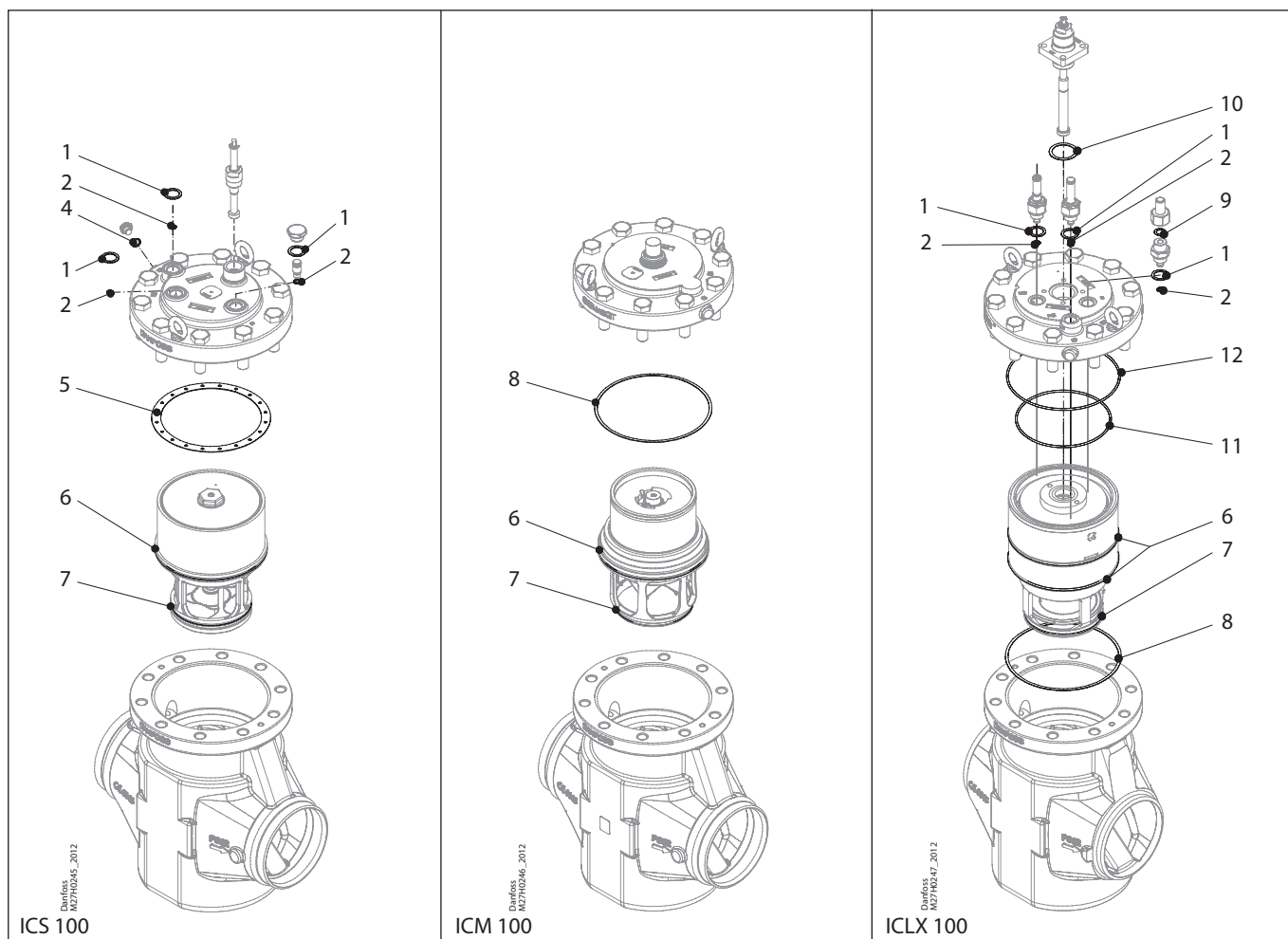
Inspection kit | Code number 027H6016
ICS, size 65/80 (1-3) / ICM, size 65 / ICLX, size 65/80



1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6  Total no. = 2	7   Total no. = 1	8  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10   Total no. = 1
12  Total no. = 1	13  Total no. = 1			

Data sheet – Spare parts and accessories

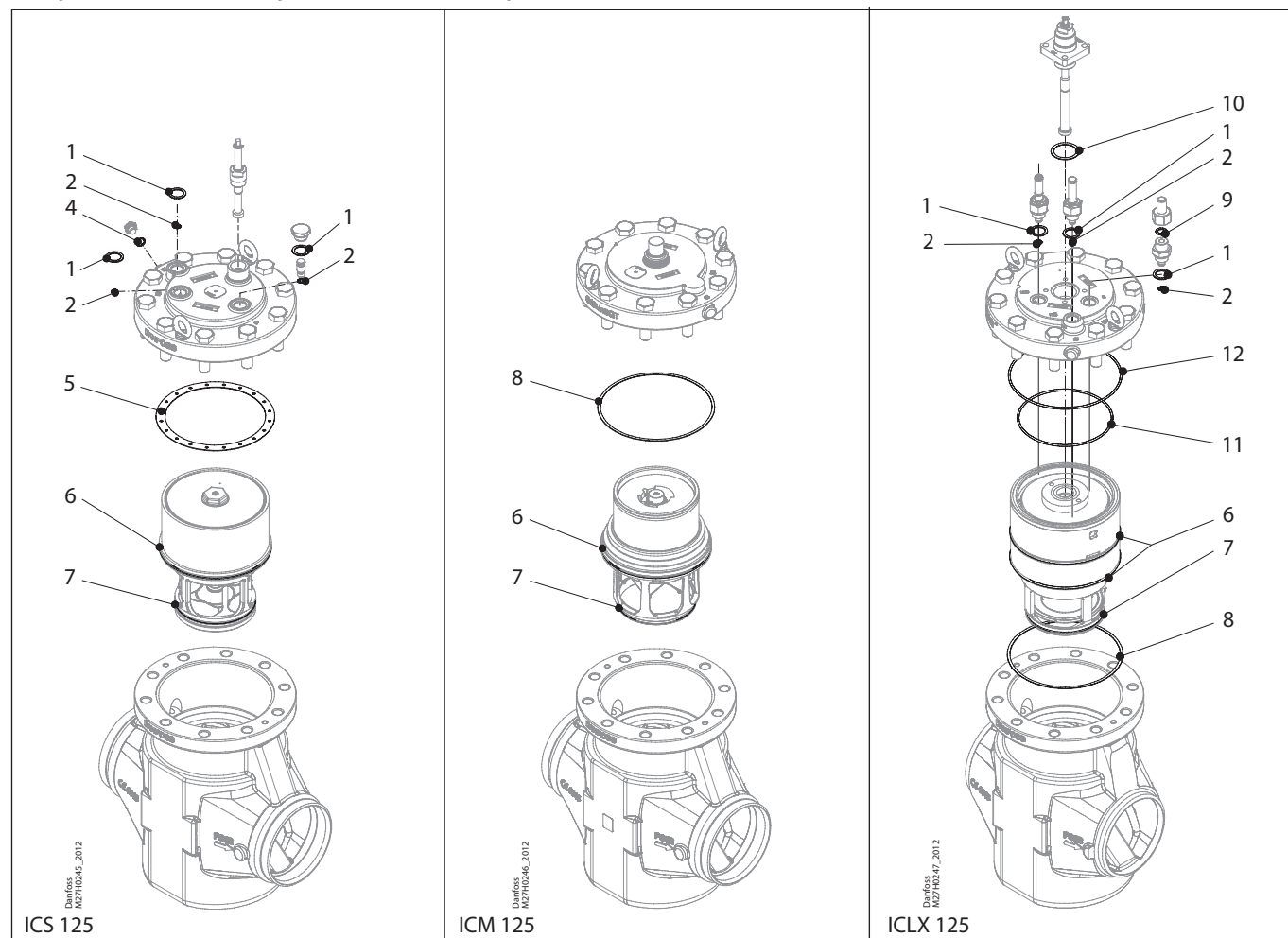
Inspection kit | Code number 027H7191
ICS, size 100 / ICM, size 100 / ICLX, size 100



1  = Fibre Total no. = 3	2  Total no. = 3	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1	6  Total no. = 2
7  Total no. = 1	8  = Fibre Total no. = 1	9  = Alu. Total no. = 1	10  = Fibre Total no. = 1	11  Total no. = 1
12  Total no. = 1				

Data sheet – Spare parts and accessories

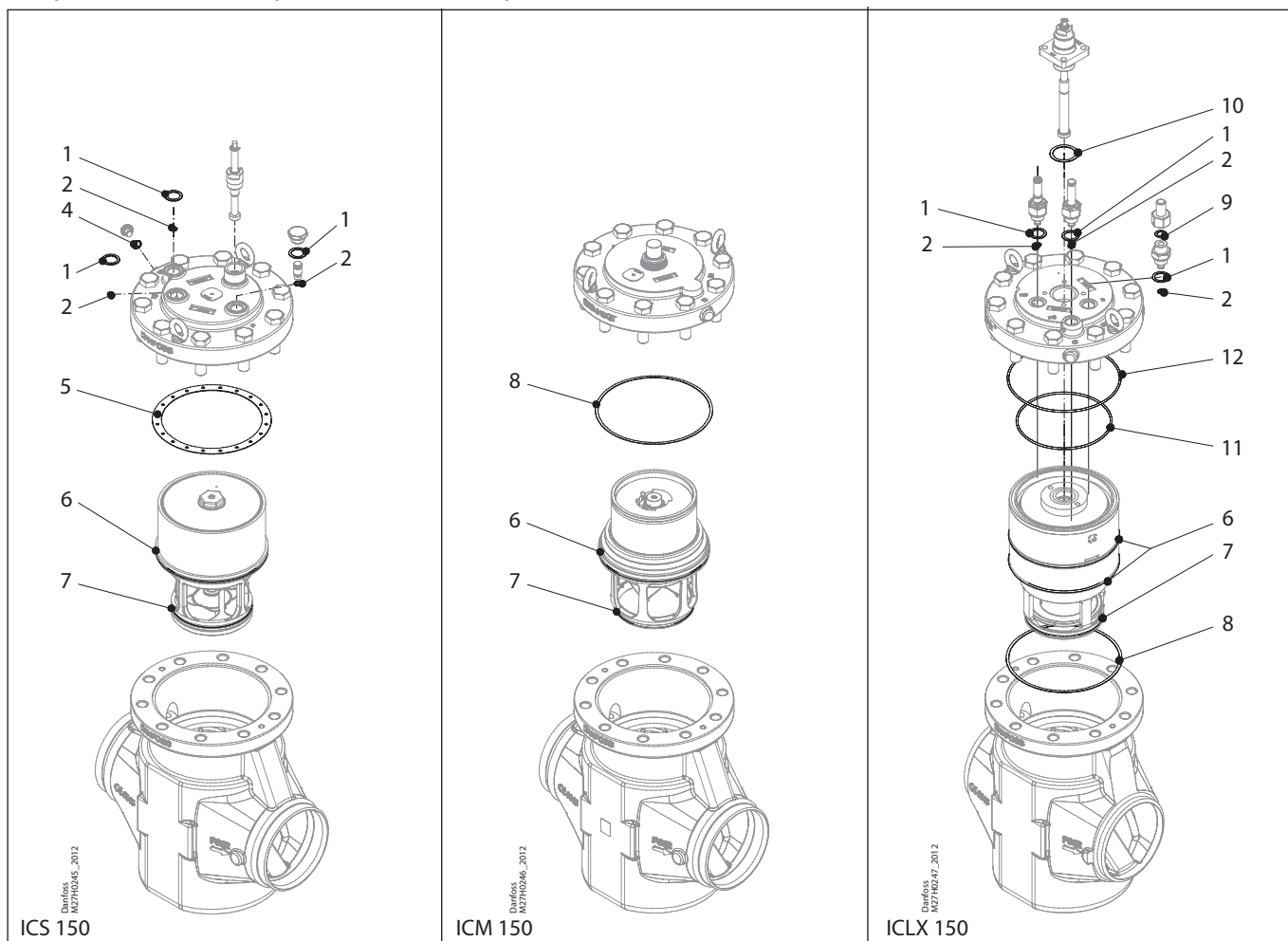
Inspection kit | Code number 027H7194
ICS, size 125 / ICM, size 125 / ICLX, size 125



1 = Fibre Total no. = 3	2 = Fibre Total no. = 3	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1	6 = Fibre Total no. = 2
7 = Fibre Total no. = 1	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10 = Fibre Total no. = 1	11 = Fibre Total no. = 1
12 = Fibre Total no. = 1				

Data sheet – Spare parts and accessories

Inspection kit | Code number 027H7196
ICS, size 150 / ICM, size 150 / ICLX, size 150

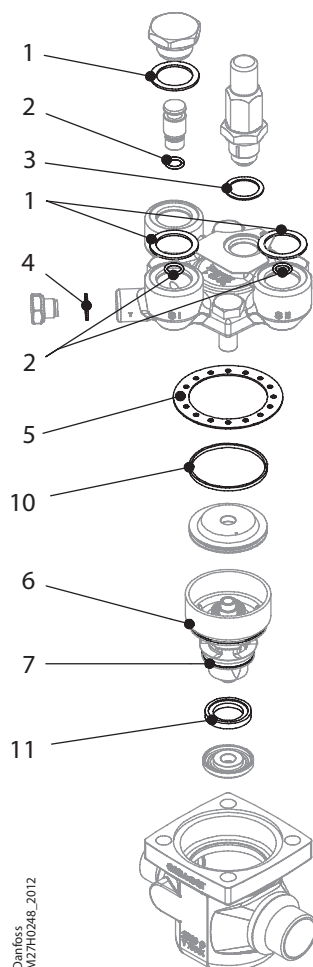


1  = Fibre Total no. = 3	2  Total no. = 3	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1	6  Total no. = 2
7  Total no. = 1	8  = Fibre Total no. = 1	9  = Alu. Total no. = 1	10  = Fibre Total no. = 1	11  Total no. = 1
12  Total no. = 1				

Data sheet – Spare parts and accessories

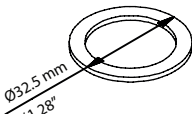
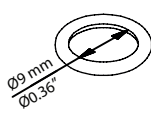
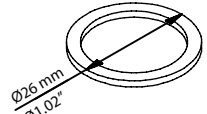
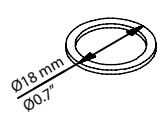
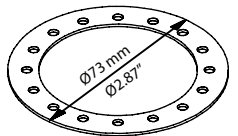
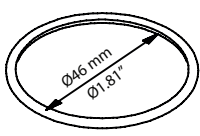
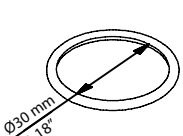
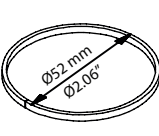
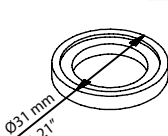
Repair kit | Code number 027H2219

ICS, size 25-5 to 25-25



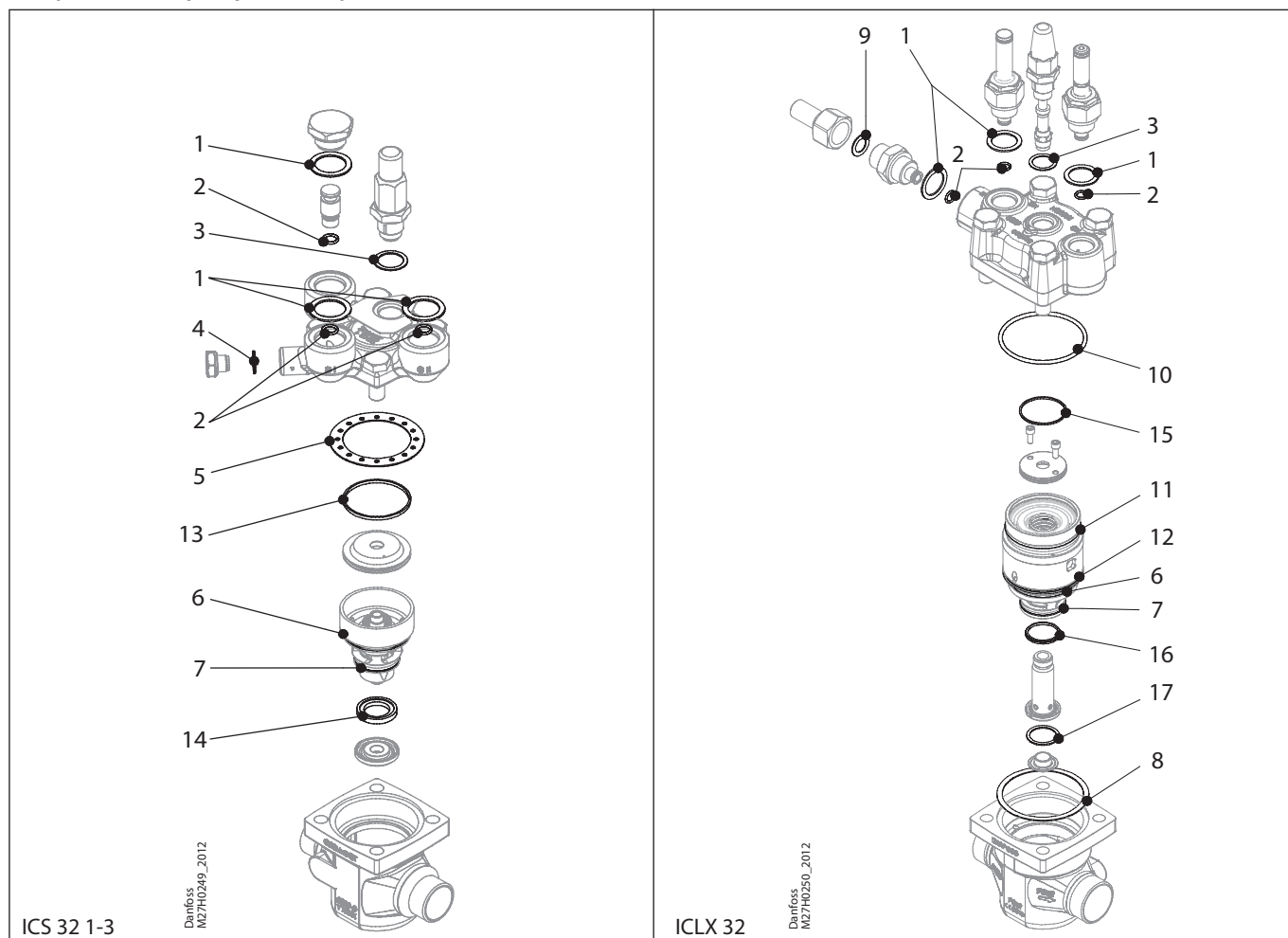
ICS 25-5 (1-3) / 25-25 (1-3)

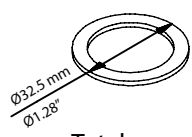
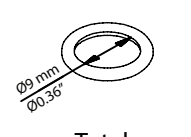
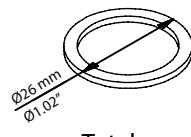
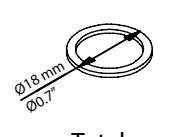
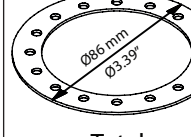
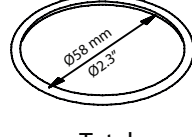
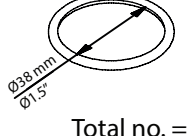
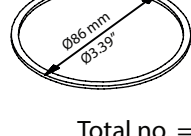
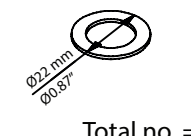
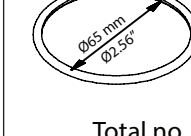
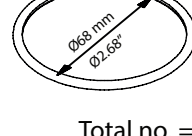
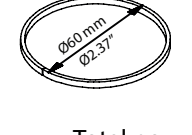
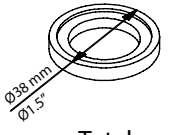
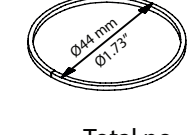
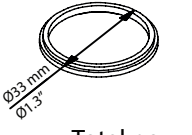
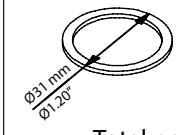
Danfoss
M27H0248_2012

1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	7   Total no. = 1	10  = Steel  Total no. = 1	11   Total no. = 1	

Data sheet – Spare parts and accessories

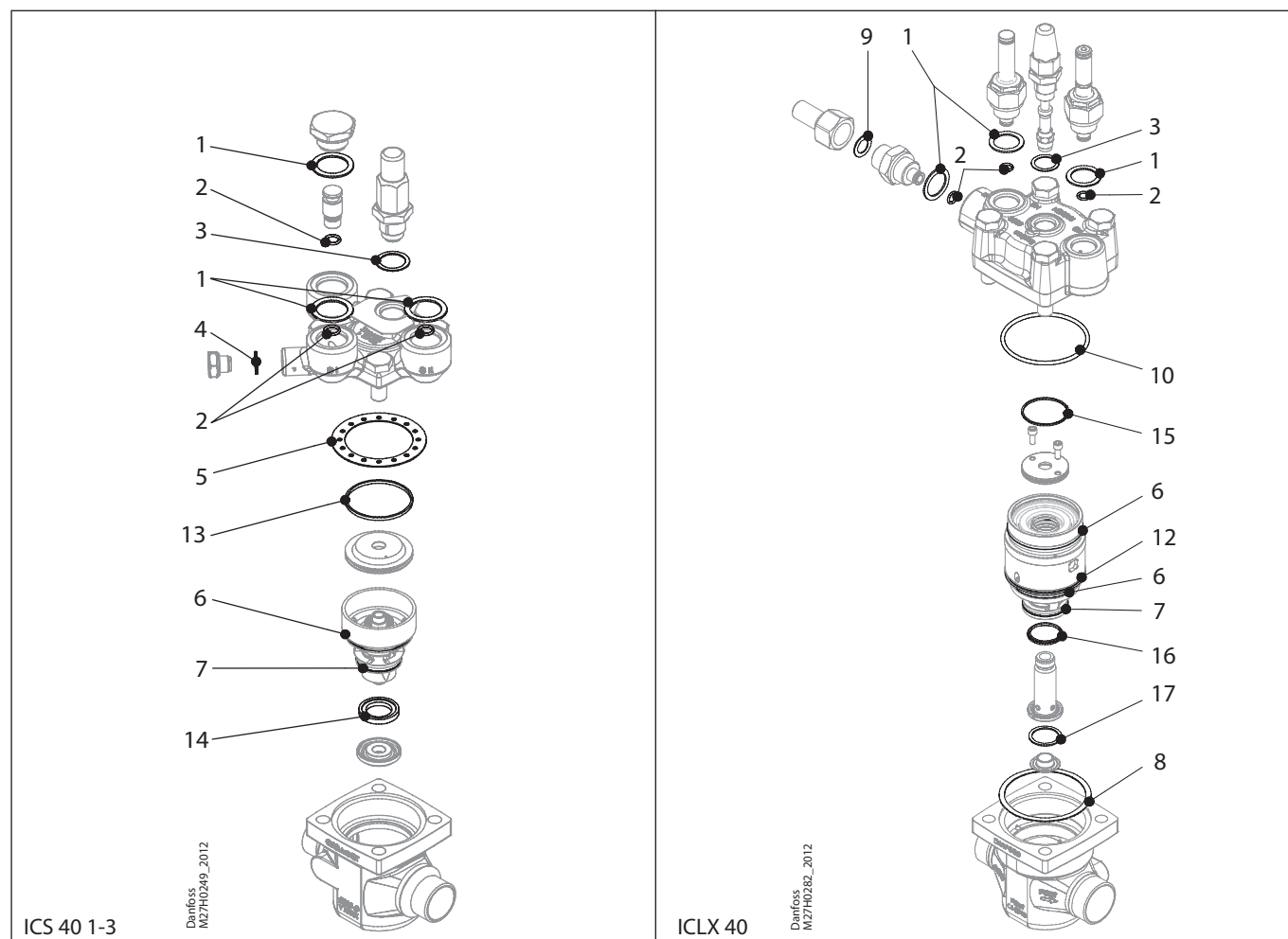
Repair kit | Code number 027H3017
ICS, size 32 (1-3) / ICLX, size 32



1  = Fibre  Total no. = 3	2  = Alu.  Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6  = Fibre  Total no. = 1
7  = Alu.  Total no. = 1	8  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10  = Alu.  Total no. = 1	11  = Alu.  Total no. = 1	12  = Alu.  Total no. = 1
13  = Steel  Total no. = 1	14  = PTFE  Total no. = 1	15  = Steel  Total no. = 1	16  = PTFE  Total no. = 1	17  = PTFE  Total no. = 1	

Data sheet – Spare parts and accessories

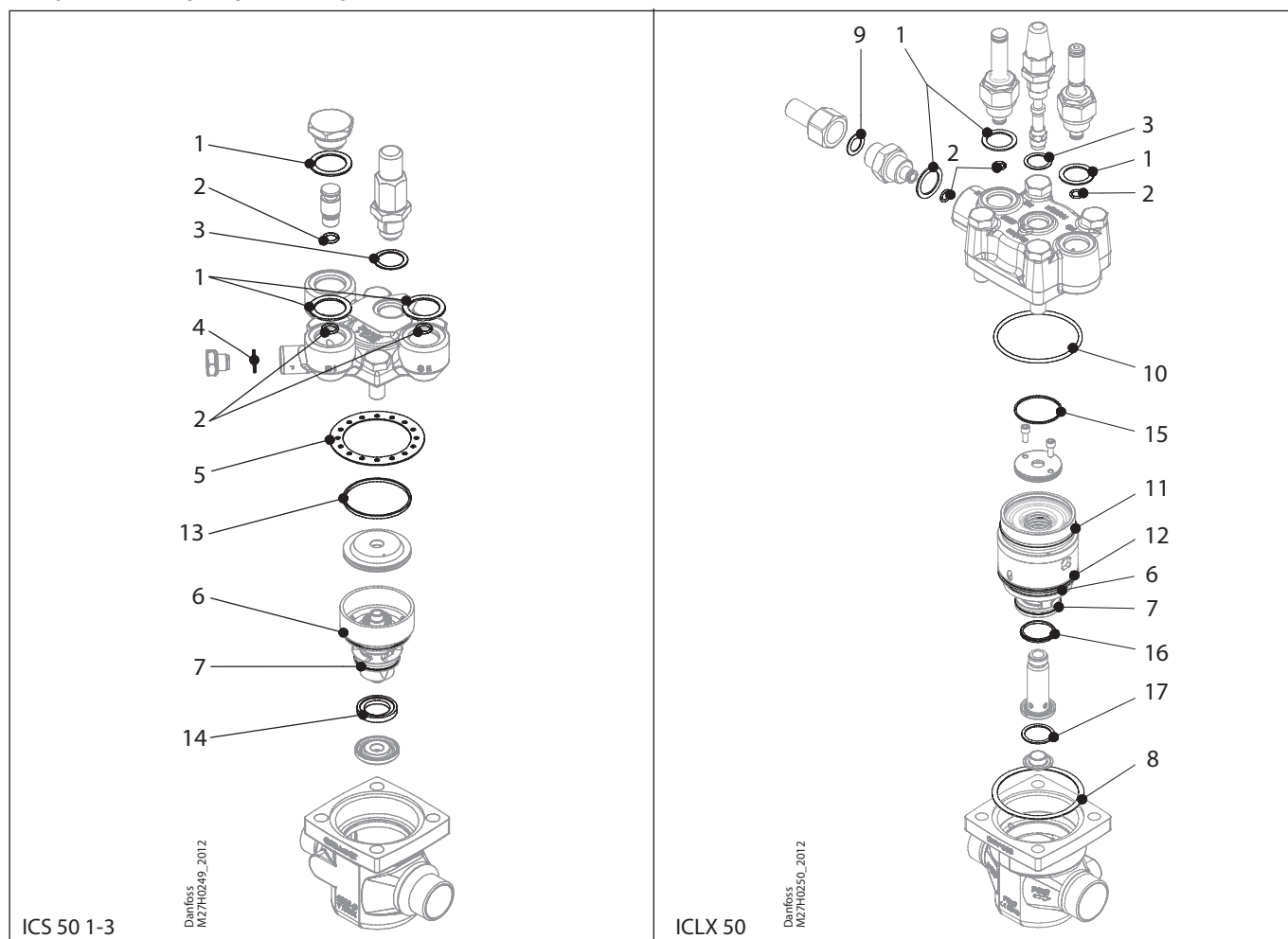
Repair kit | Code number 027H4015
ICS, size 40 (1-3) / ICLX, size 40



1 = Fibre Ø32.5 mm Ø1.28" Total no. = 3	2 = Alu. Ø9 mm Ø0.36" Total no. = 3	3 = Alu. Ø26 mm Ø1.02" Total no. = 1	4 = Alu. Ø18 mm Ø0.7" Total no. = 1	5 = Fibre Ø94 mm Ø3.7" Total no. = 1	6 = Steel Ø70 mm Ø2.76" Total no. = 2
7 = Steel Ø50 mm Ø1.98" Total no. = 1	8 = Fibre Ø94 mm Ø3.7" Total no. = 1	9 = Alu. Ø22 mm Ø0.87" Total no. = 1	10 = Steel Ø82 mm Ø3.23" Total no. = 1	12 = Steel Ø76 mm Ø2.99" Total no. = 1	13 = Steel Ø68 mm Ø2.69" Total no. = 1
14 = PTFE Ø48 mm Ø1.89" Total no. = 1	15 = Steel Ø50 mm Ø1.97" Total no. = 1	16 = PTFE Ø37 mm Ø1.44" Total no. = 1	17 = PTFE Ø34 mm Ø1.34" Total no. = 1		

Data sheet – Spare parts and accessories

Repair kit | Code number 027H5015
ICS, size 50 (1-3) / ICLX, size 50

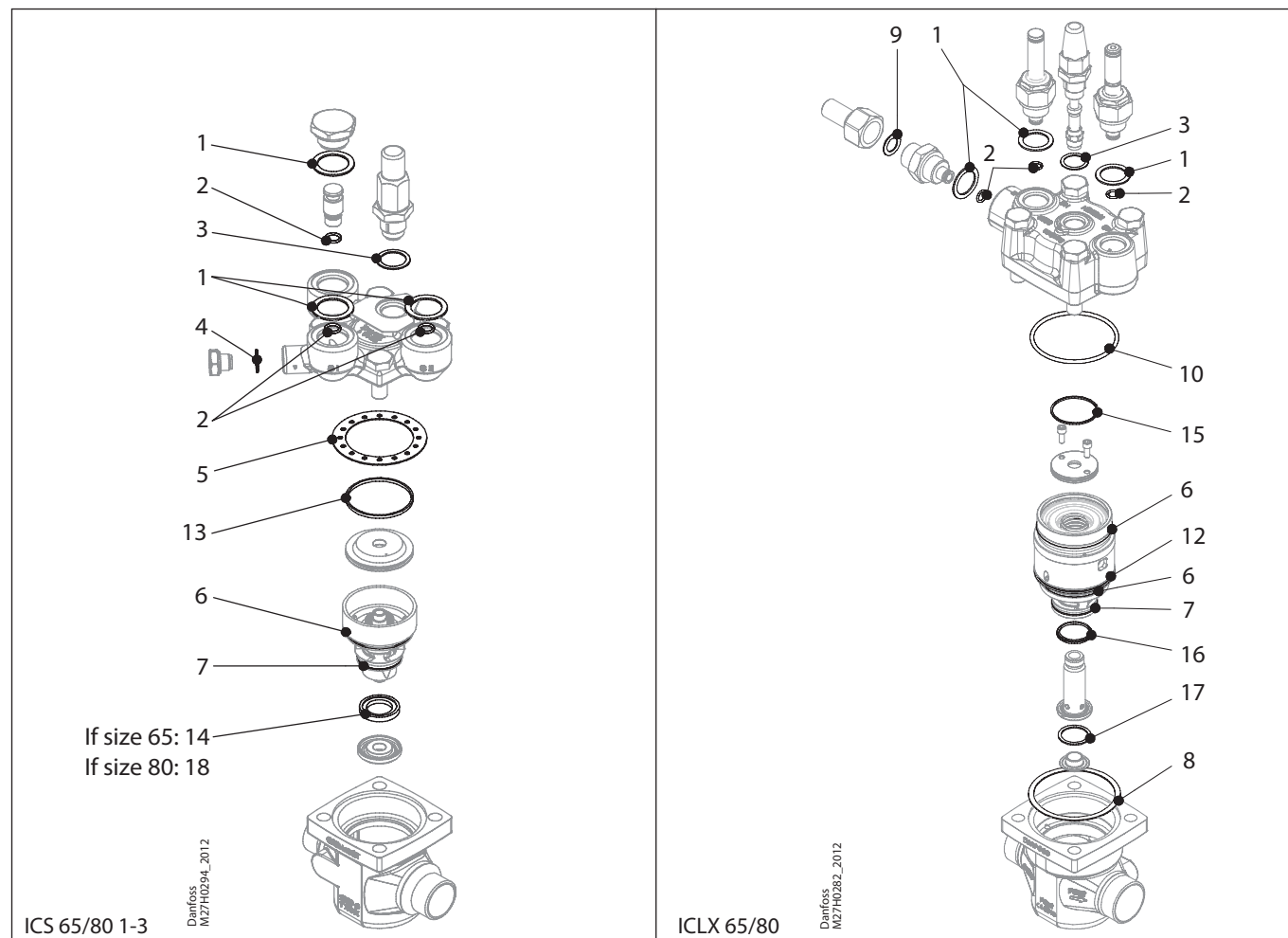


1 = Fibre Total no. = 3	2 = Al. Total no. = 3	3 = Al. Total no. = 1	4 = Al. Total no. = 1	5 = Fibre Total no. = 1	6 = Steel Total no. = 1
7 = Steel Total no. = 1	8 = Fibre Total no. = 1	9 = Al. Total no. = 1	10 = Fibre Total no. = 1	11 = Fibre Total no. = 1	12 = Steel Total no. = 1
13 = Steel Total no. = 1	14 = PTFE Total no. = 1	15 = Steel Total no. = 1	16 = PTFE Total no. = 1	17 = PTFE Total no. = 1	

Data sheet – Spare parts and accessories

Repair kit | Code number 027H6017

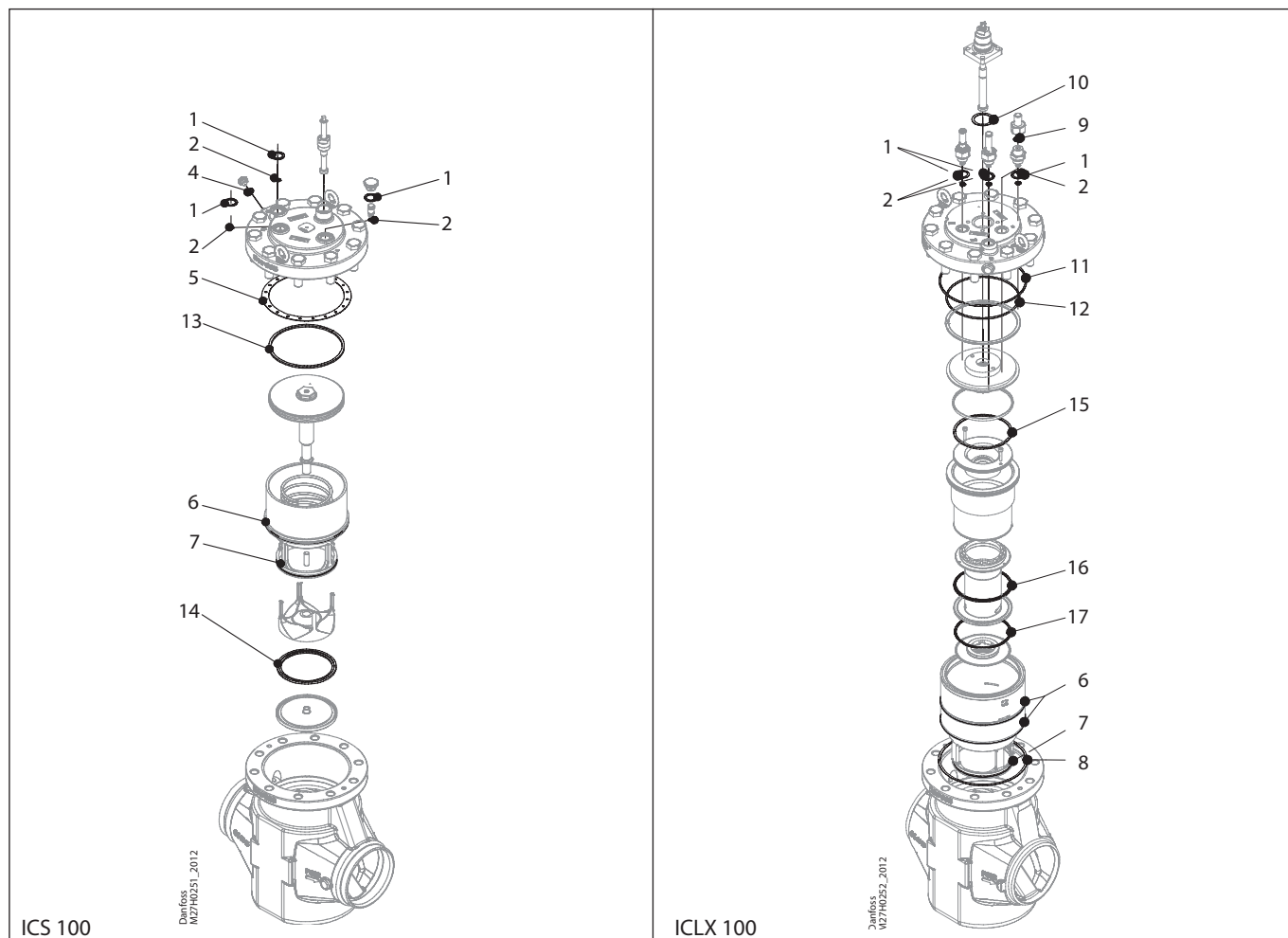
ICS, size 65/80 (1-3) / ICLX, size 65/80



1 = Fibre Total no. = 3	2 = Alu. Total no. = 3	3 = Alu. Total no. = 1	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1	6 = Steel Total no. = 2
7 = Alu. Total no. = 1	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10 = Alu. Total no. = 1	12 = Alu. Total no. = 1	13 = Steel Total no. = 1
14 = PTFE Total no. = 1	15 = Steel Total no. = 1	16 = PTFE Total no. = 1	17 = PTFE Total no. = 1	18 = PTFE Total no. = 1	

Data sheet – Spare parts and accessories

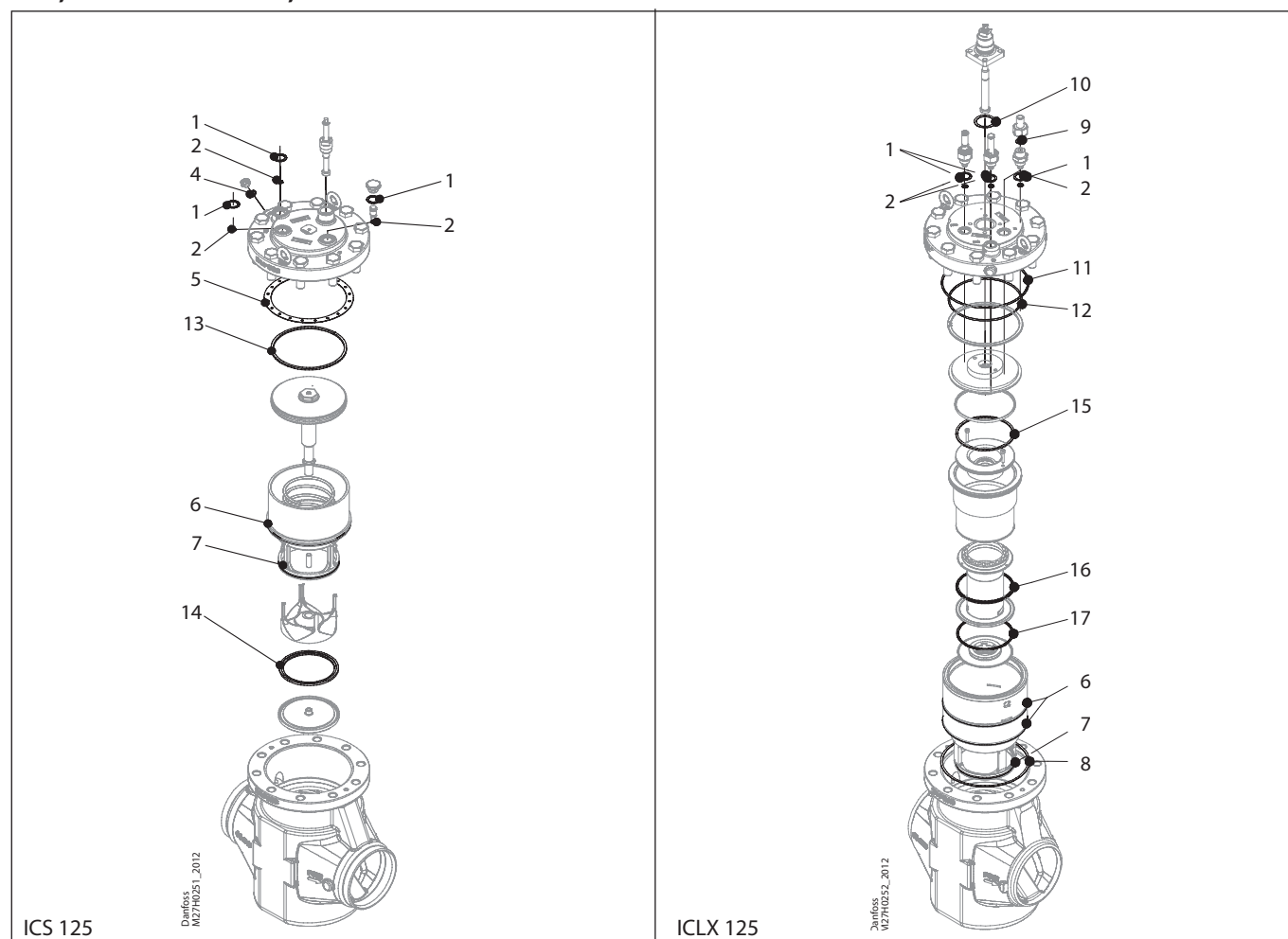
Repair kit | Code number 027H7192
ICS, size 100 / ICLX, size 100



1 = Fibre Total no. = 3	2 = Al. Total no. = 3	4 = Al. Total no. = 1	5 = Fibre Total no. = 1	6 = Al. Total no. = 2	7 = Steel Total no. = 1
8 = Fibre Total no. = 1	9 = Al. Total no. = 1	10 = Fibre Total no. = 1	11 = Al. Total no. = 1	12 = Al. Total no. = 1	13 = Steel Total no. = 1
14 = PTFE Total no. = 1	15 = Steel Total no. = 1	16 = PTFE Total no. = 1	17 = PTFE Total no. = 1		

Data sheet – Spare parts and accessories

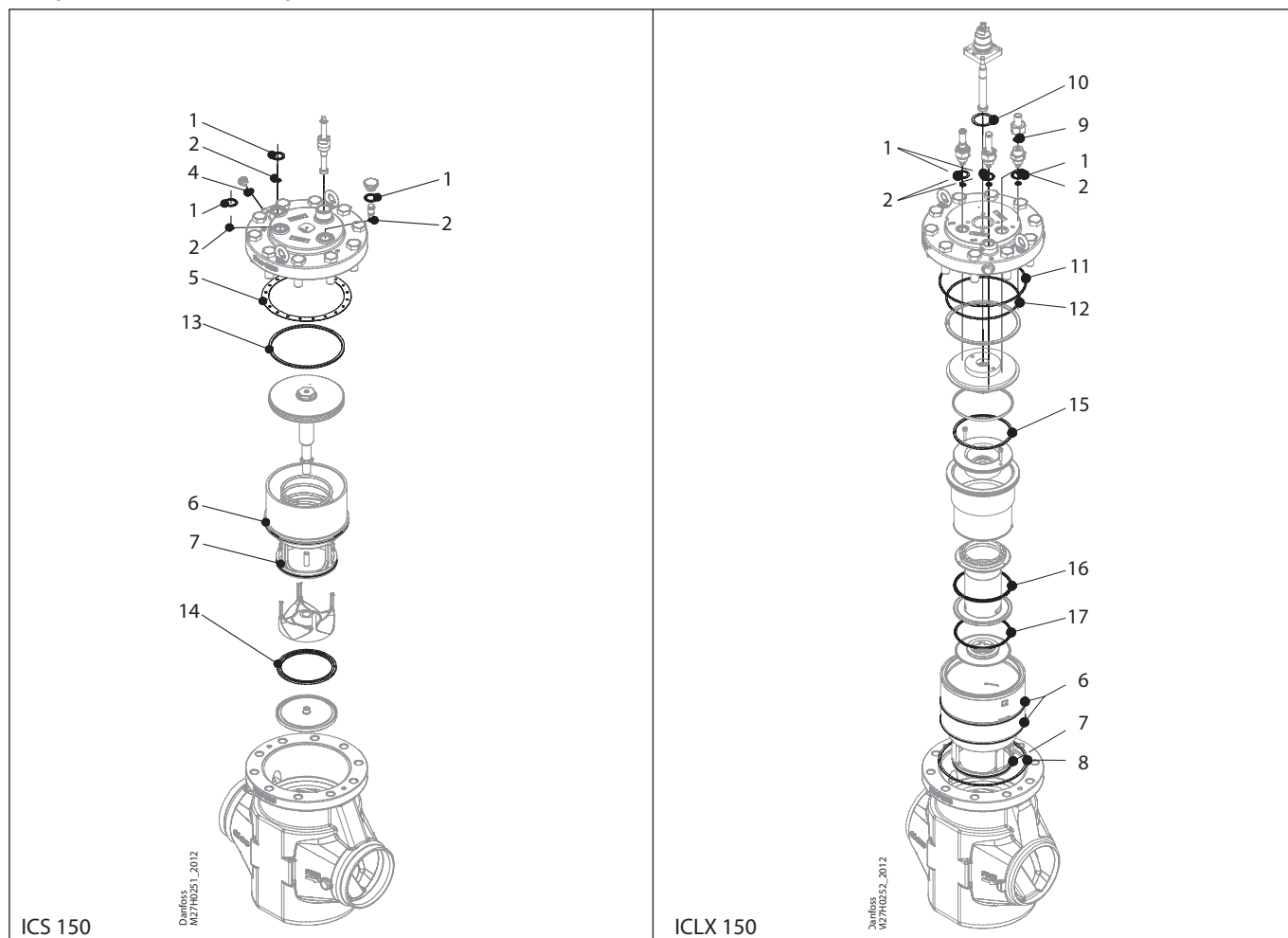
Repair kit | Code number 027H7204
ICS, size 125 / ICLX, size 125



1 = Fibre Total no. = 3	2 = Alu. Total no. = 3	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1	6 = Fibre Total no. = 2	7 = Steel Total no. = 1
8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10 = Fibre Total no. = 1	11 = Fibre Total no. = 1	12 = Fibre Total no. = 1	13 = Steel Total no. = 1
14 = PTFE Total no. = 1	15 = Steel Total no. = 1	16 = PTFE Total no. = 1	17 = PTFE Total no. = 1		

Data sheet – Spare parts and accessories

Repair kit | Code number 027H7197
ICS, size 150 / ICLX, size 150

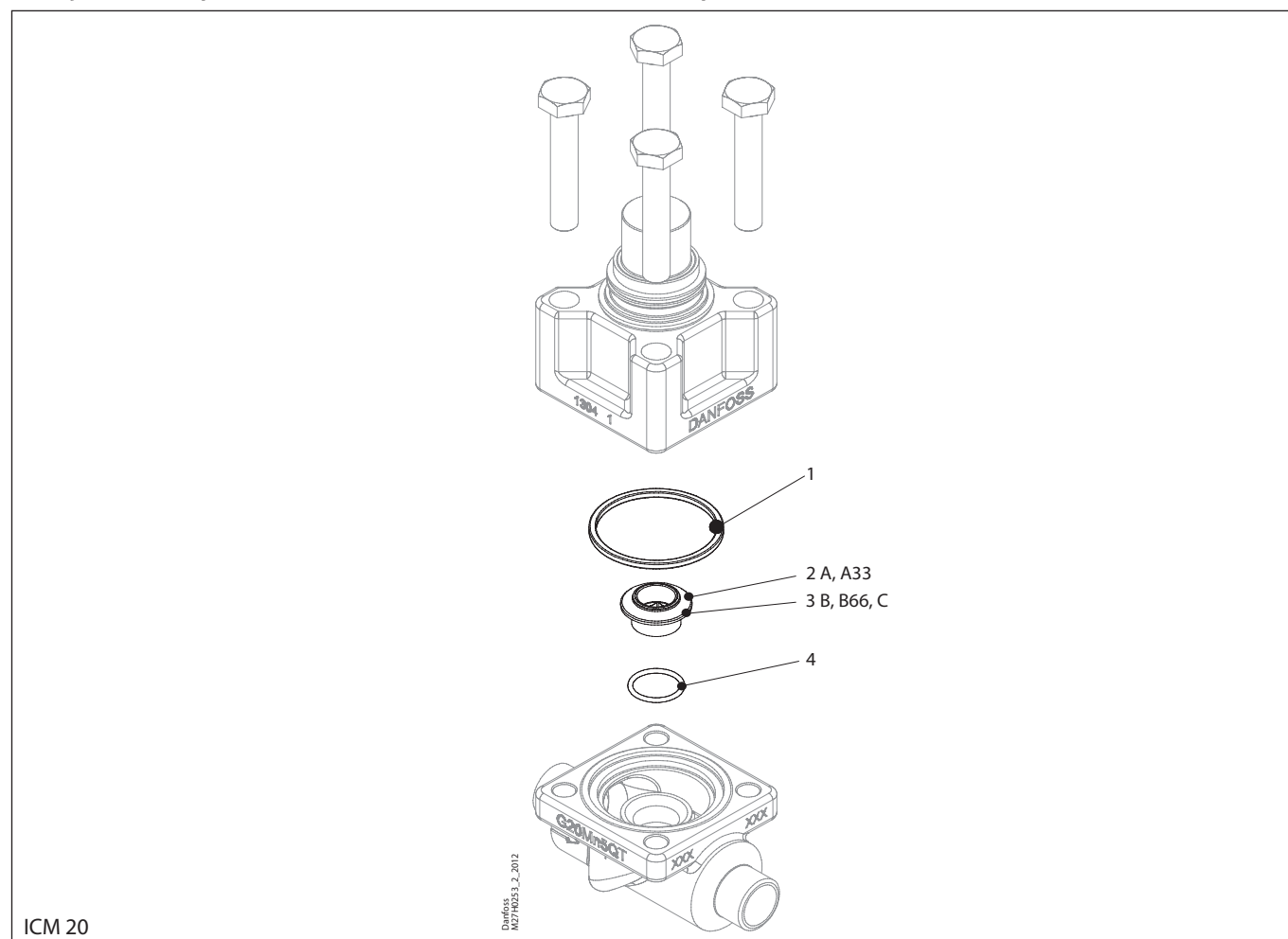


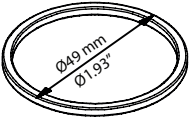
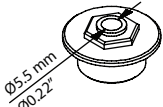
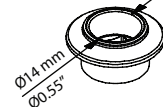
1 = Fibre Total no. = 3	2 = Alu. Total no. = 3	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1	6 = Fibre Total no. = 2	7 = Steel Total no. = 1
8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10 = Fibre Total no. = 1	11 = Fibre Total no. = 1	12 = Fibre Total no. = 1	13 = Steel Total no. = 1
14 = PTFE Total no. = 1	15 = Steel Total no. = 1	16 = PTFE Total no. = 1	17 = PTFE Total no. = 1		

Data sheet – Spare parts and accessories

Repair kit | Code number 027H1190

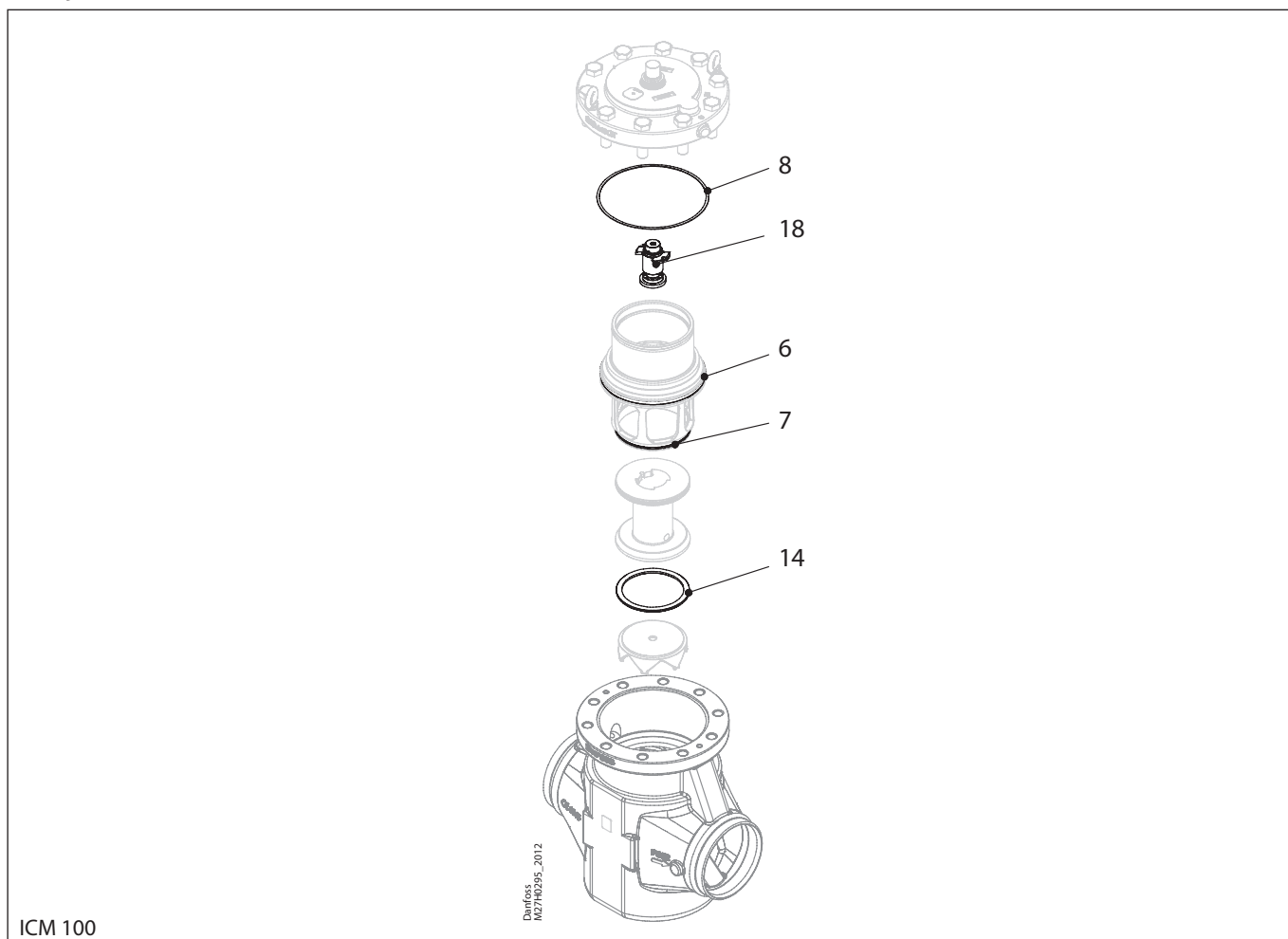
ICM, size 20 (20A / 20A-33 / 20B / 20B-66 / 20C)



1  = Rubber  Total no. = 1	2  Total no. = 1	3  Total no. = 1	4  Total no. = 1	
--	--	--	---	--

Data sheet – Spare parts and accessories

Repair kit | Code number 027H7135³⁾ / 027H7479⁴⁾
ICM, size 100



ICM 100

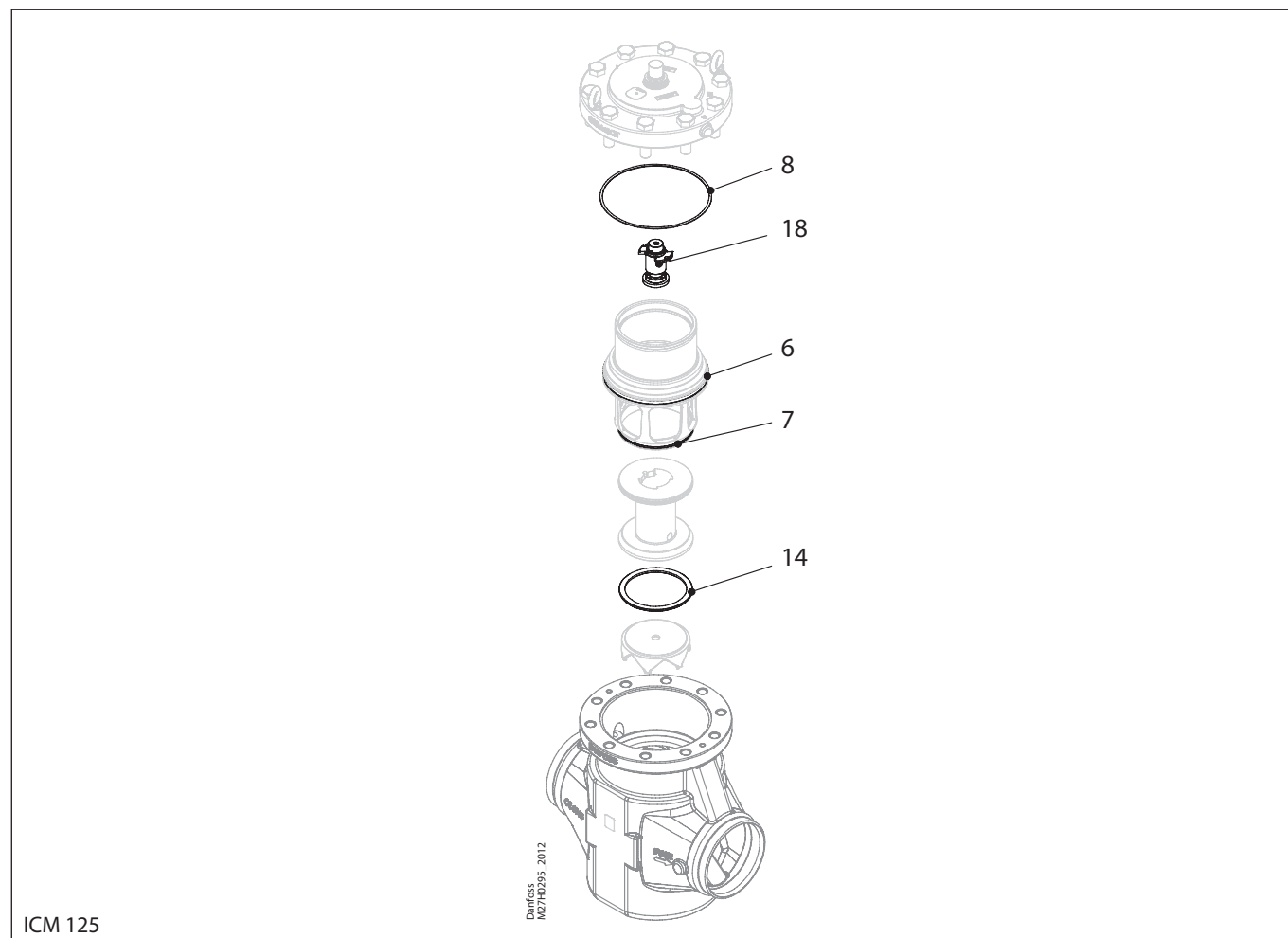
6 Total no. = 1	7 Total no. = 1	8 Total no. = 1	14 Total no. = 1	18 Total no. = 1
--------------------------------------	--------------------------------------	--------------------------------------	---------------------------------------	---------------------------------------

³⁾ Standard with cast iron nut

⁴⁾ With peek nut (standard untill Week 49, 2021)

Data sheet – Spare parts and accessories

Repair kit | Code number 027H7155³⁾ / 027H7480⁴⁾
ICM, size 125



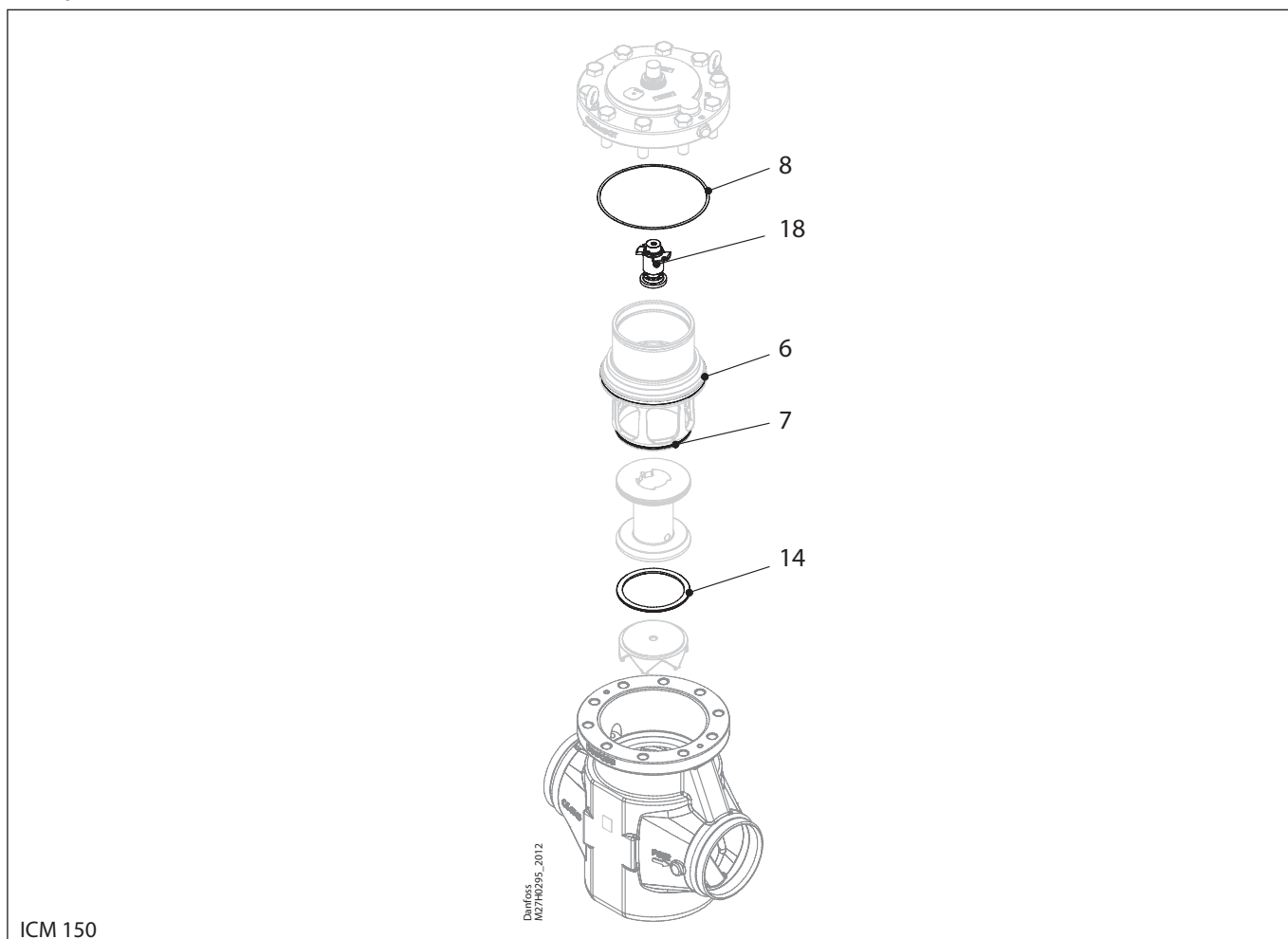
6 Total no. = 1	7 Total no. = 1	8  = Fibre Total no. = 1	14  = PTFE Total no. = 1	18 Total no. = 1
--------------------------------------	--------------------------------------	---	---	---------------------------------------

³⁾ Standard with cast iron nut

⁴⁾ With peek nut (standard until Week 49, 2021)

Data sheet – Spare parts and accessories

Repair kit | Code number 027H7175³⁾ / 027H7481⁴⁾
ICM, size 150



ICM 150

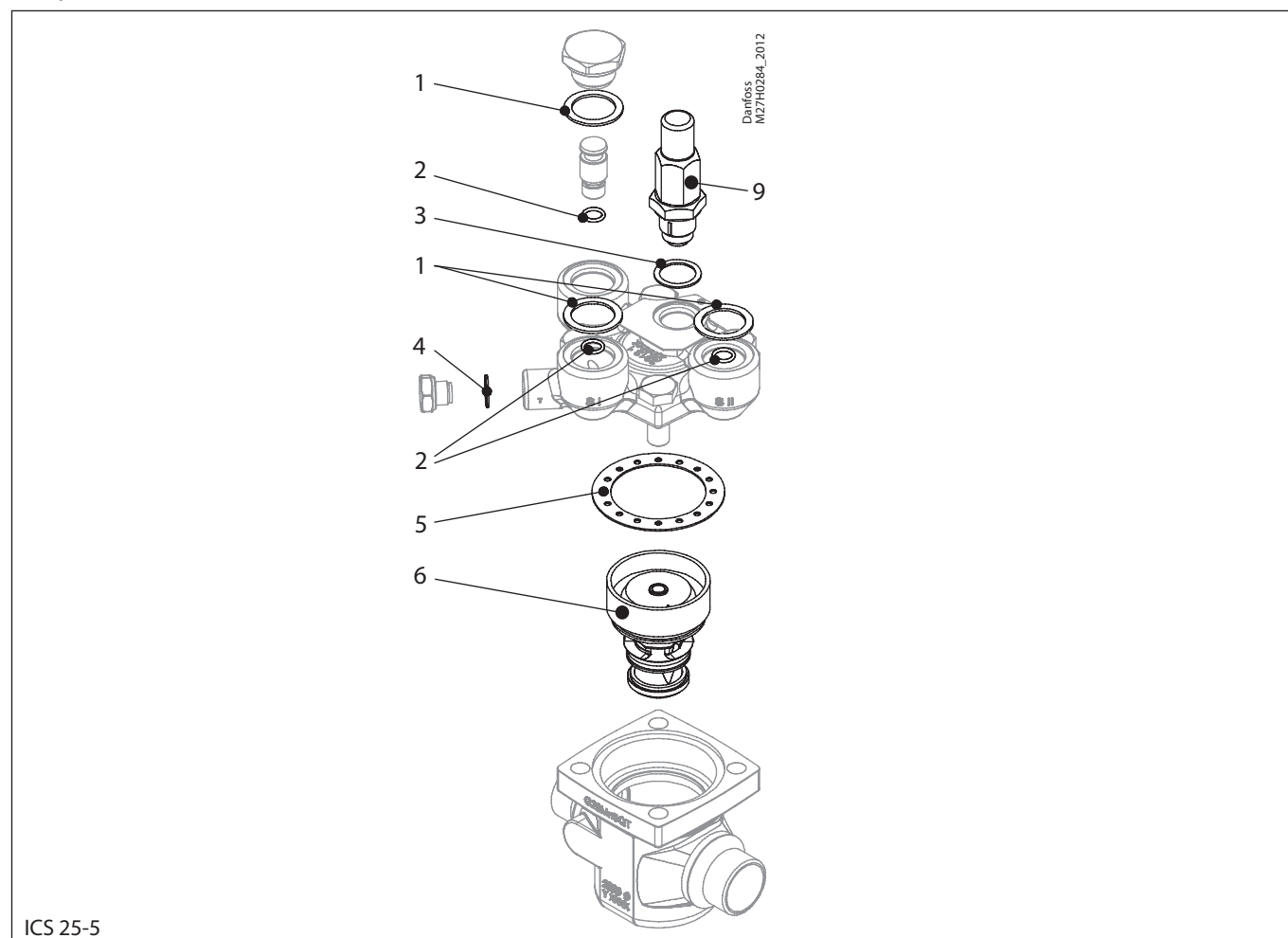
6 Total no. = 1	7 Total no. = 1	8 = Fibre Total no. = 1	14 = PTFE Total no. = 1	18 Total no. = 1
--------------------------------------	--------------------------------------	--	--	---------------------------------------

³⁾ Standard with cast iron nut

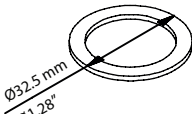
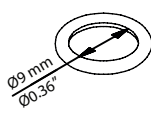
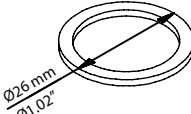
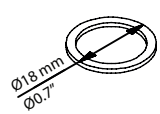
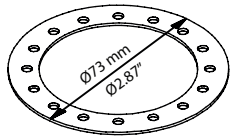
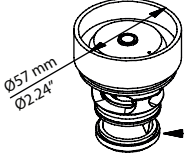
⁴⁾ With peek nut (standard untill Week 49, 2021)

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H2225
ICS, size 25-5

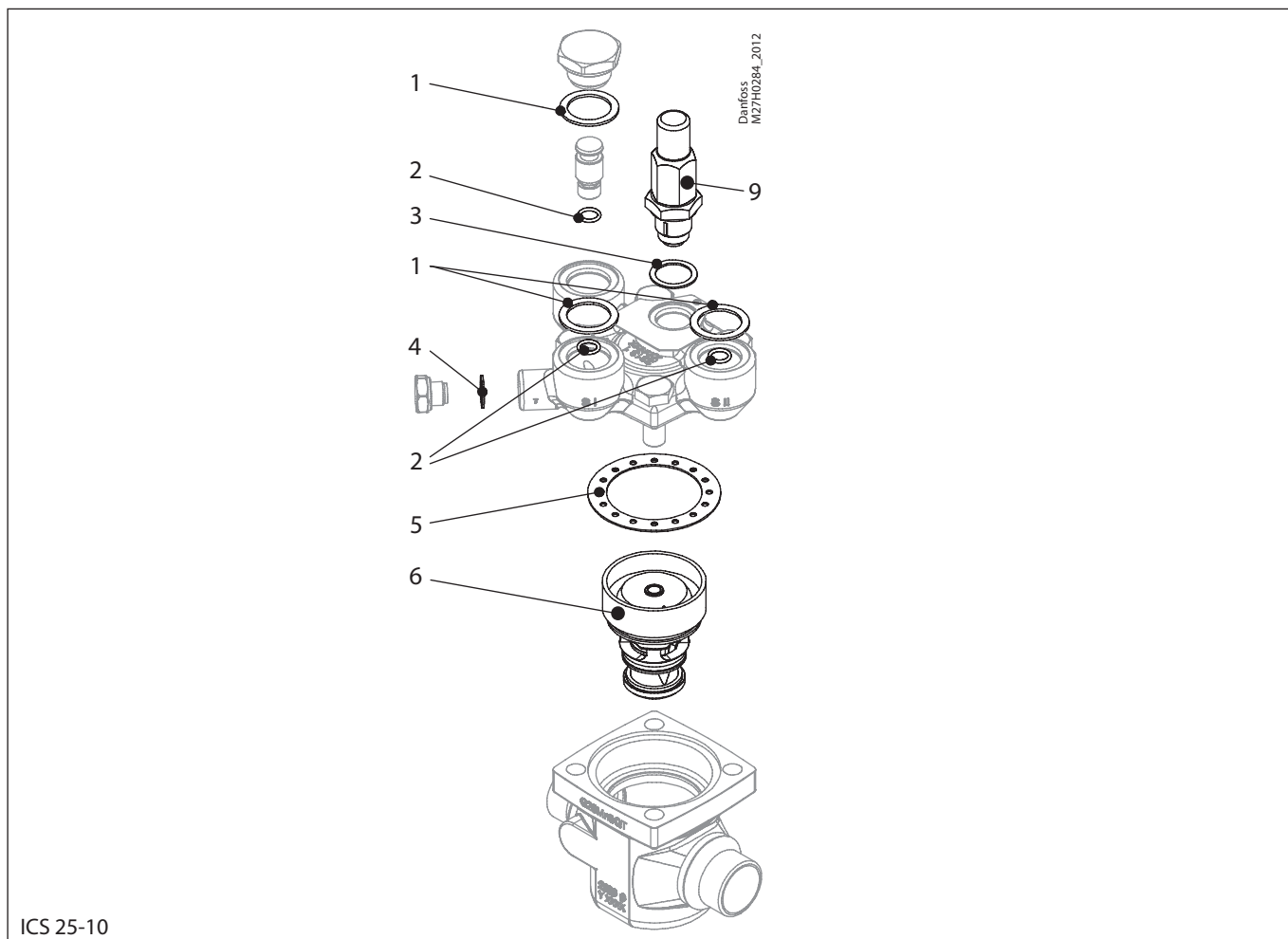


ICS 25-5

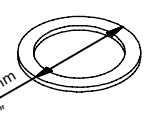
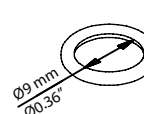
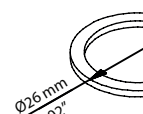
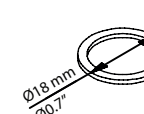
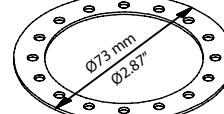
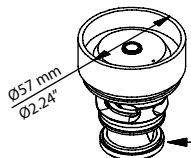
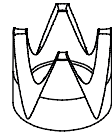
1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H2138
ICS, size 25-10

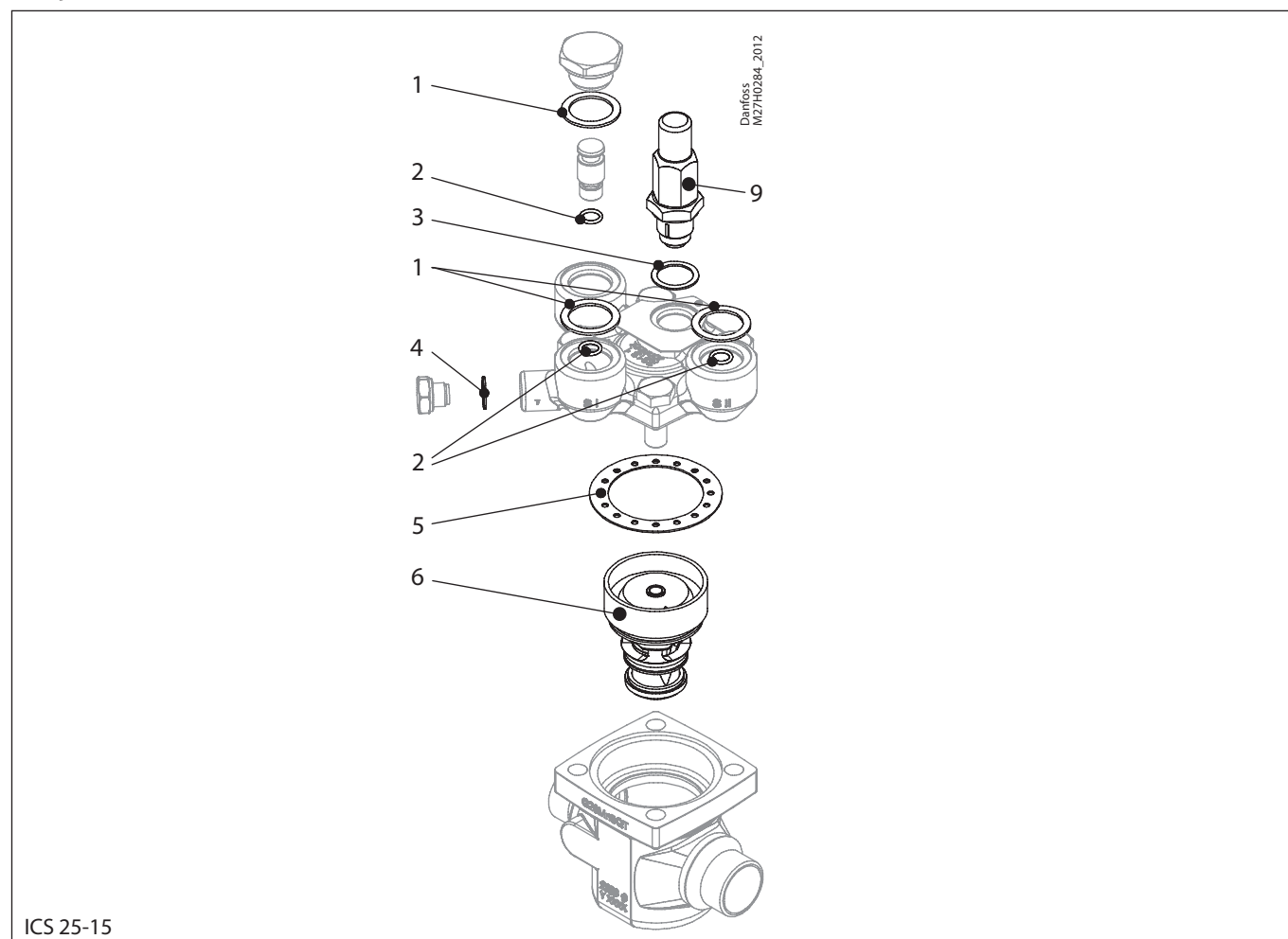


ICS 25-10

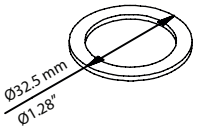
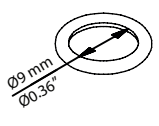
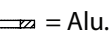
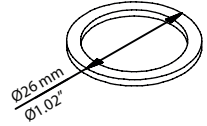
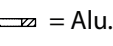
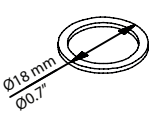
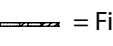
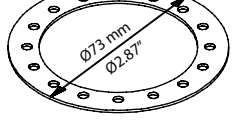
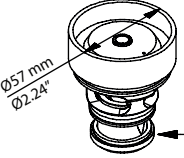
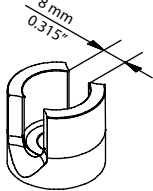
1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H3019
ICS, size 25-15

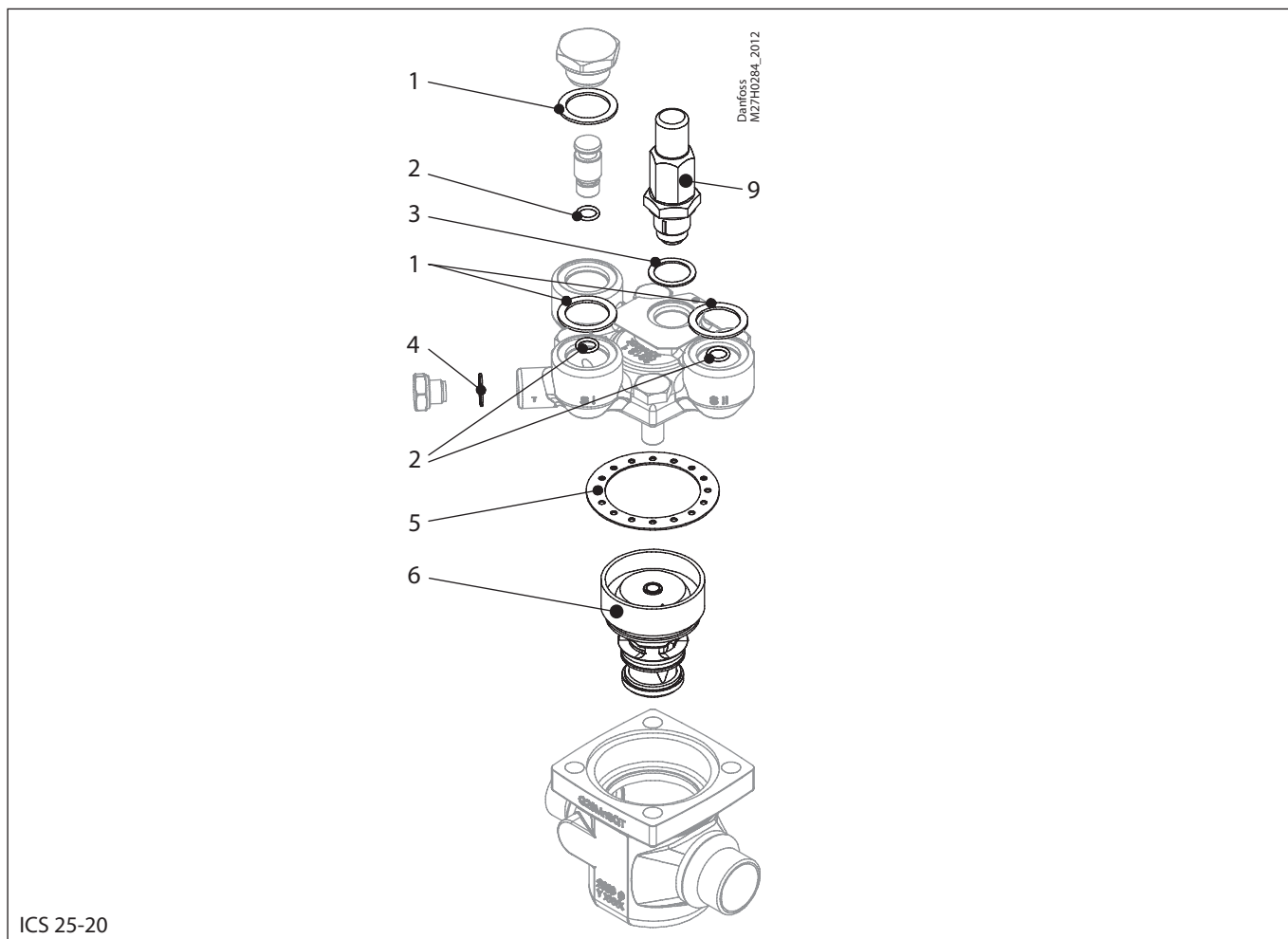


ICS 25-15

1  = Fibre  Ø32.5 mm Ø1.28" Total no. = 3	2   Ø9 mm Ø0.36" Total no. = 3	3  = Alu.  Ø26 mm Ø1.02" Total no. = 1	4  = Alu.  Ø18 mm Ø0.7" Total no. = 1	5  = Fibre  Ø73 mm Ø2.87" Total no. = 1
6  Ø57 mm Ø2.24"  8 mm 0.315" Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H3043
ICS, size 25-20

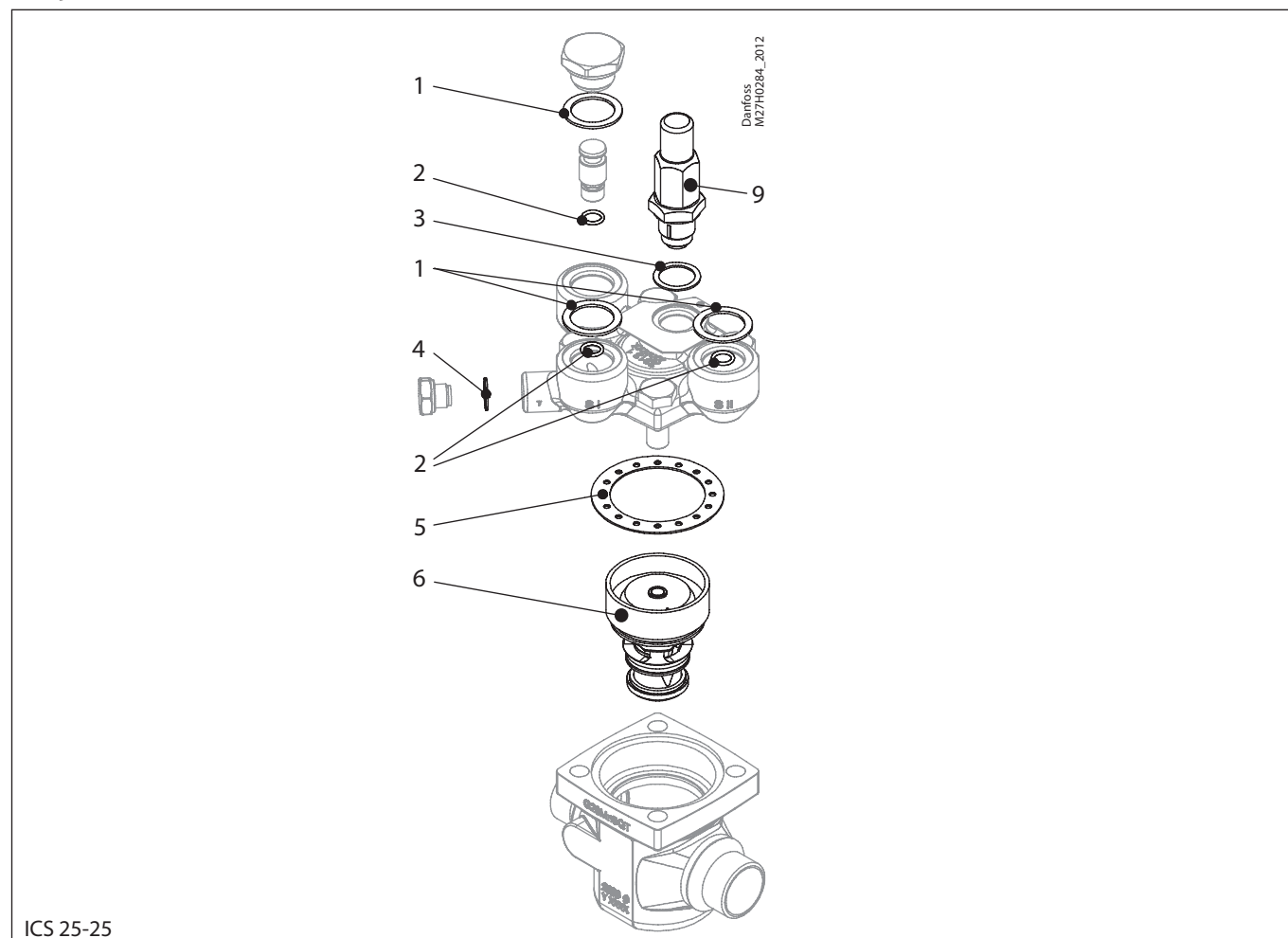


ICS 25-20

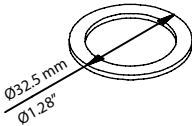
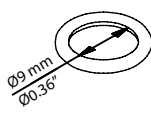
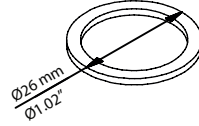
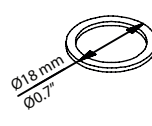
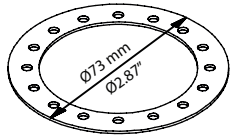
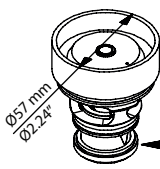
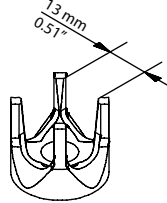
1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6 Total no. = 1	9 Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H3044
ICS, size 25-25

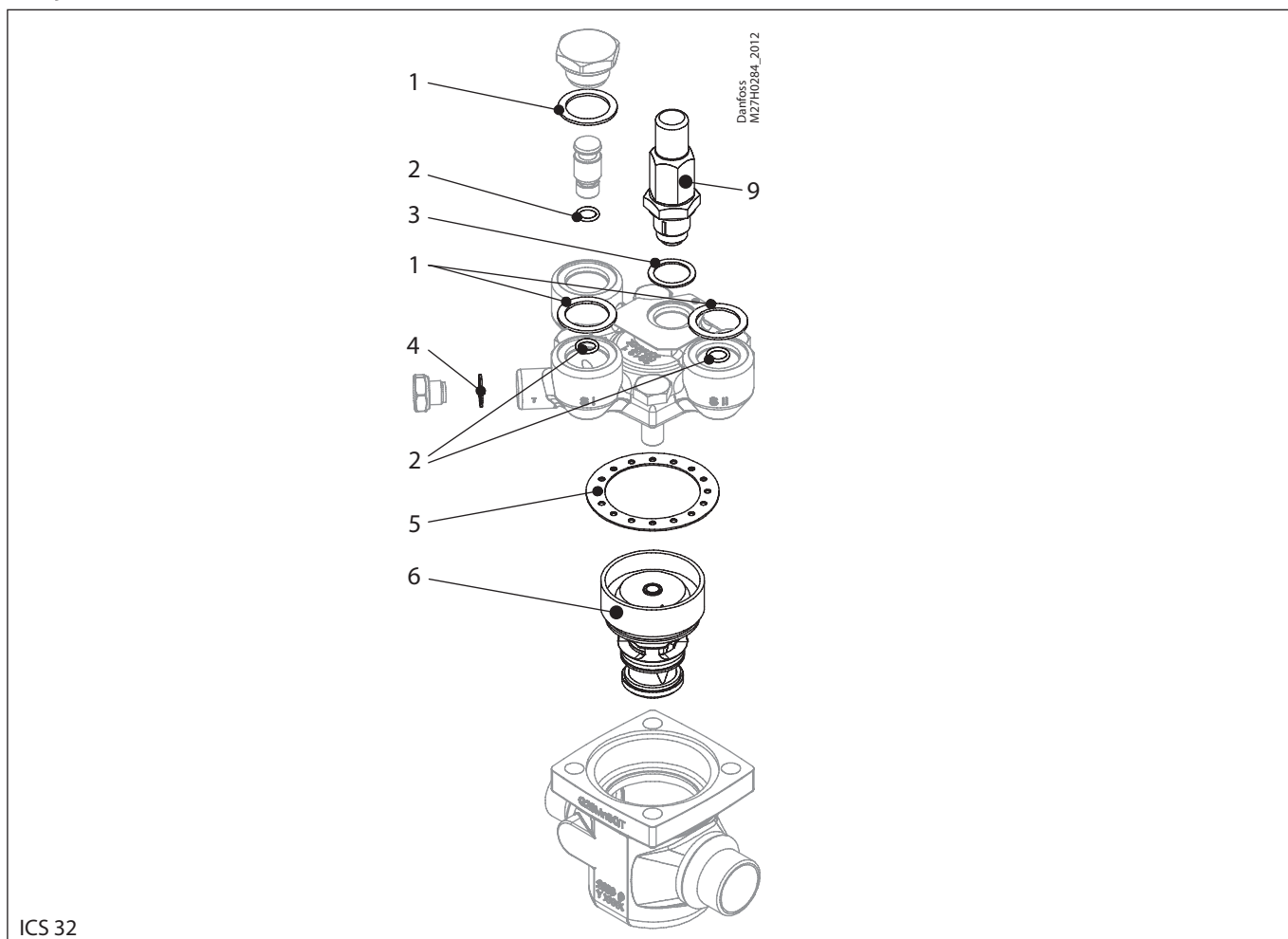


ICS 25-25

1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6   Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H3018
ICS, size 32

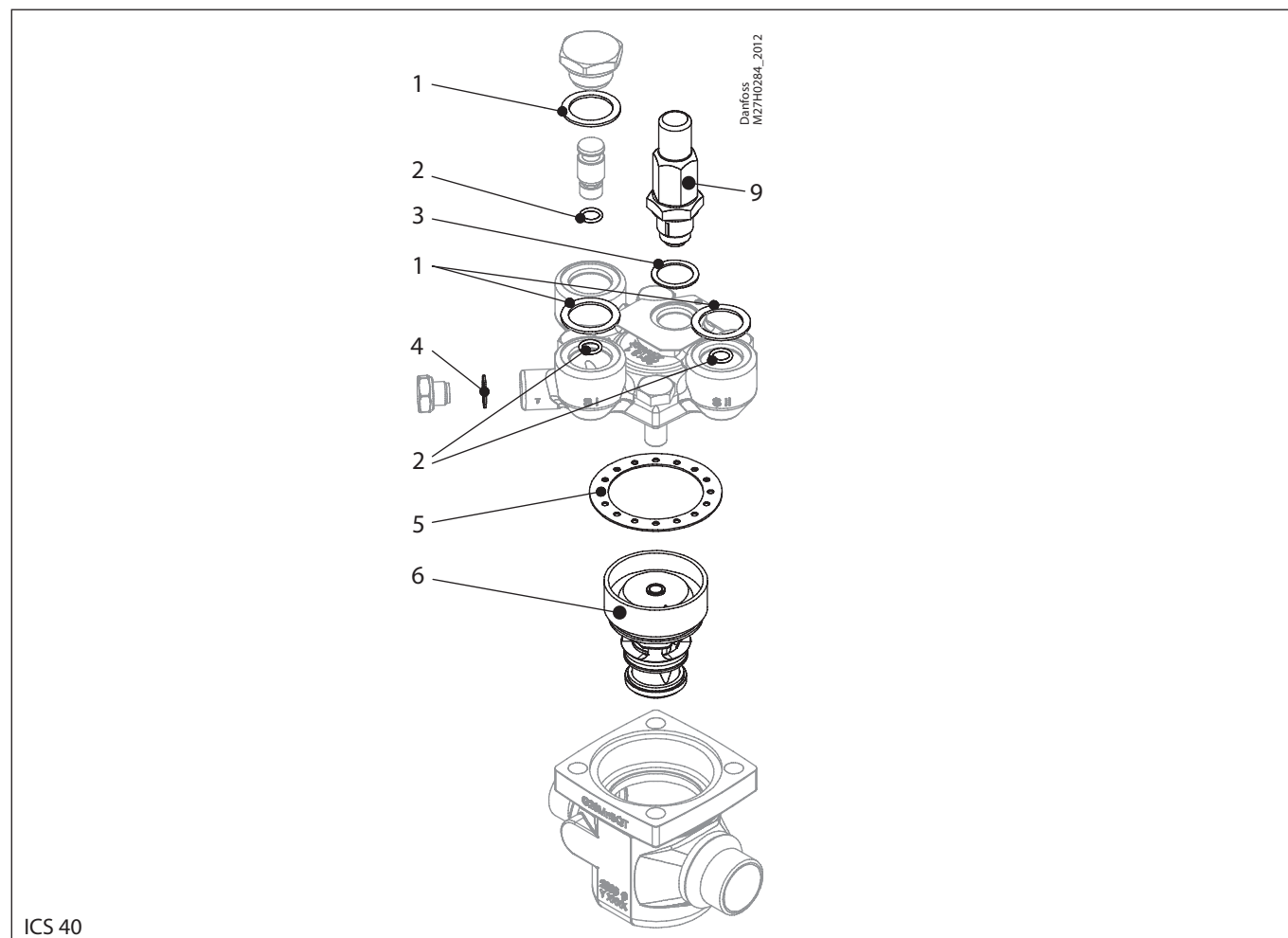


ICS 32

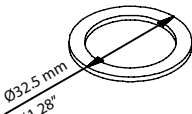
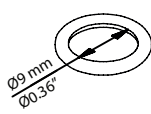
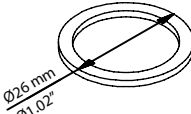
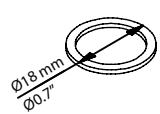
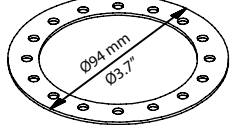
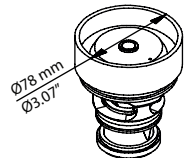
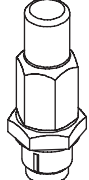
1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6 Total no. = 1	9 Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H4016
ICS, size 40

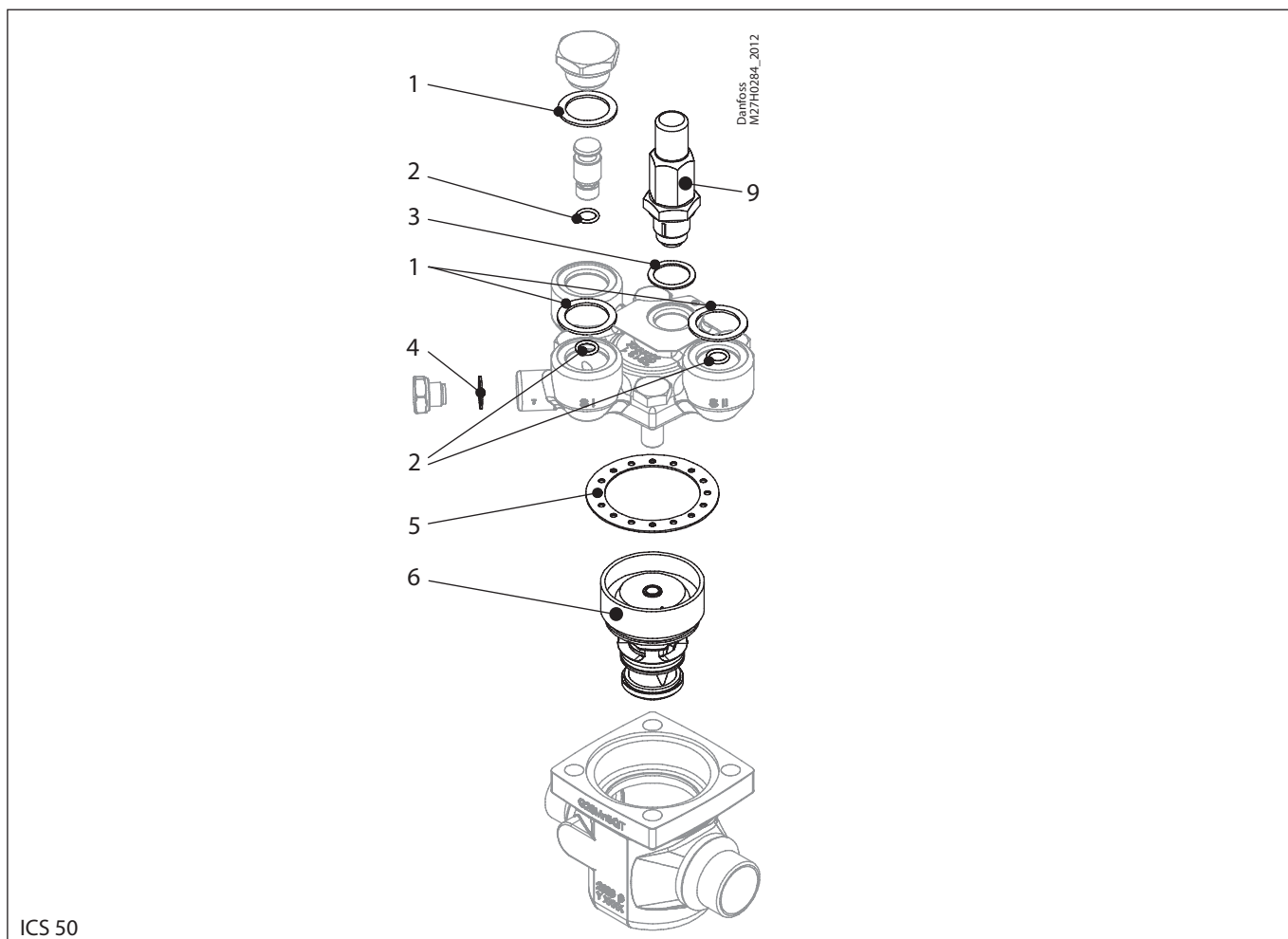


ICS 40

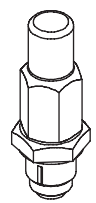
1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6  Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H5016
ICS, size 50



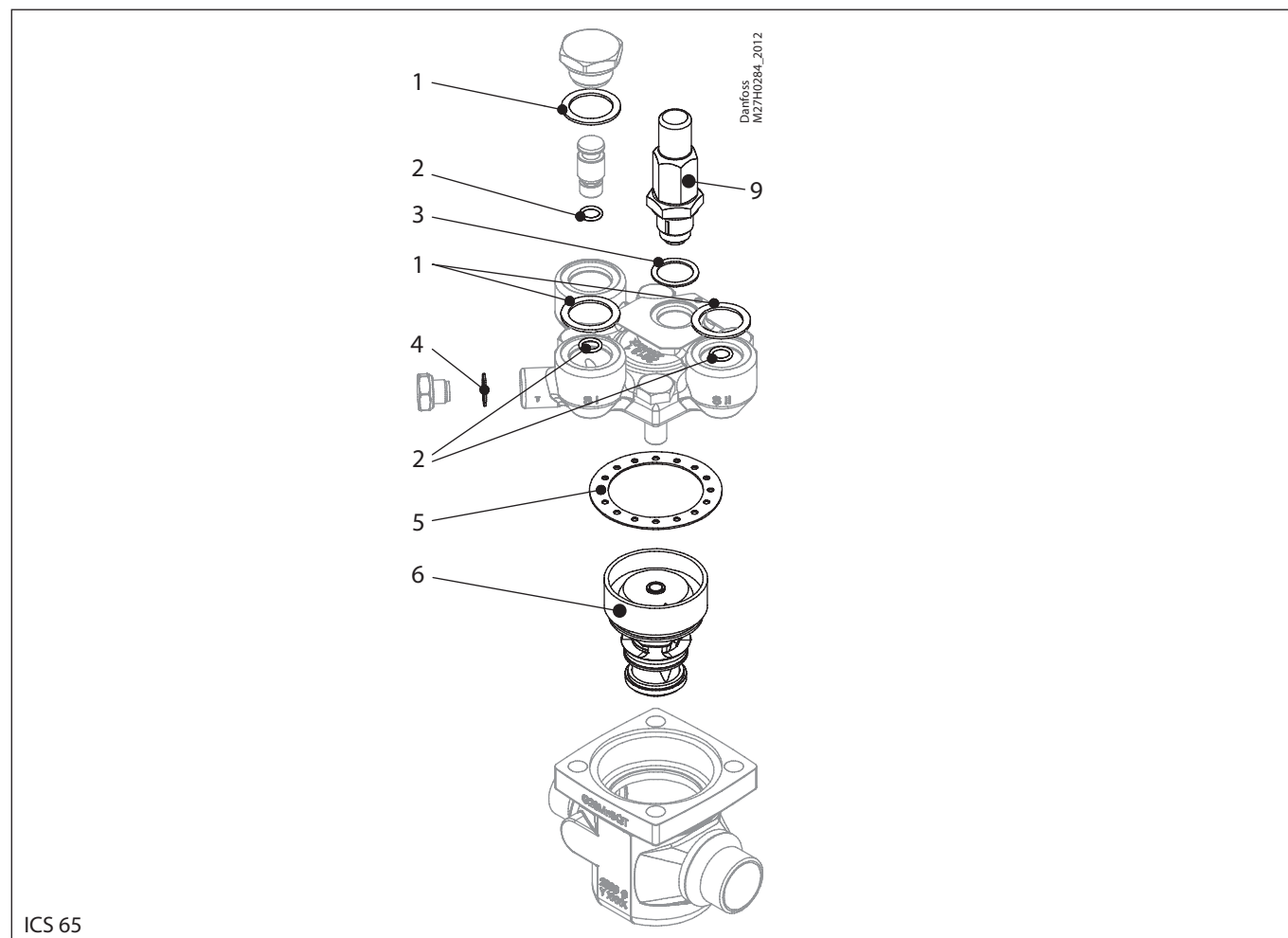
ICS 50

1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6 Total no. = 1	9  Total no. = 1			

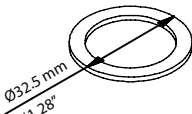
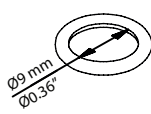
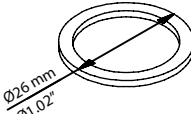
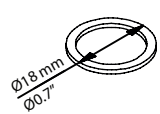
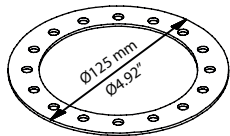
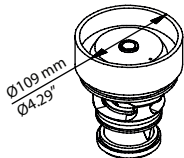
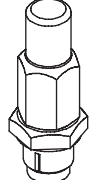
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H6018

ICS, size 65

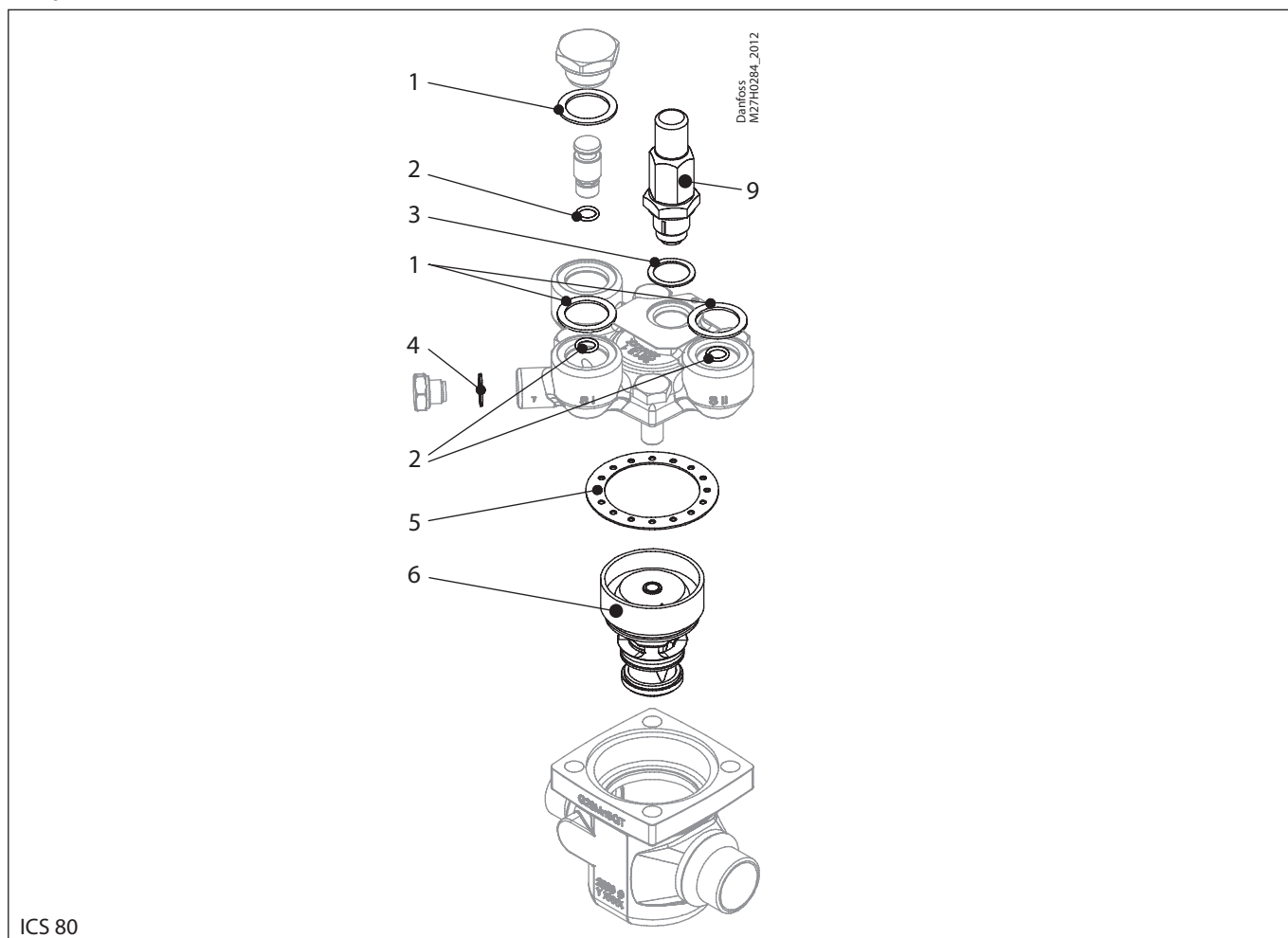


ICS 65

1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Alu.  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6  Total no. = 1	9  Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H6028
ICS, size 80

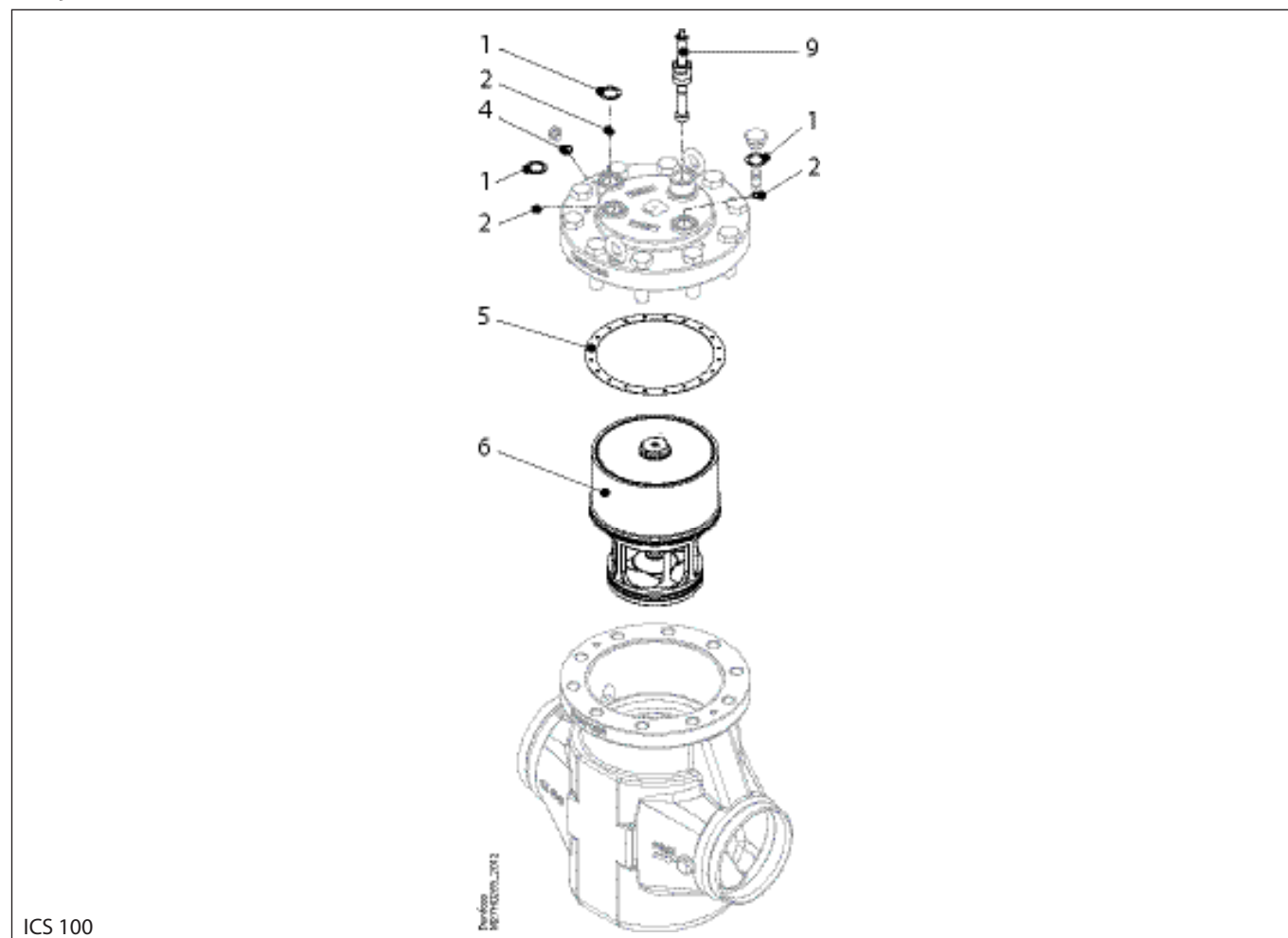


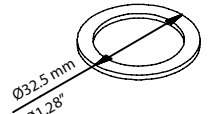
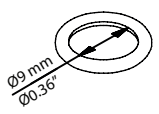
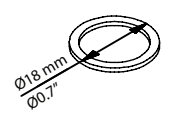
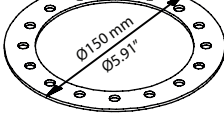
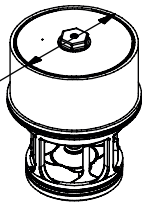
ICS 80

1 = Fibre Total no. = 3	2 = Fibre Total no. = 3	3 = Alu. Total no. = 1	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1
6 = Fibre Total no. = 1	9 Total no. = 1			

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7193
ICS, size 100

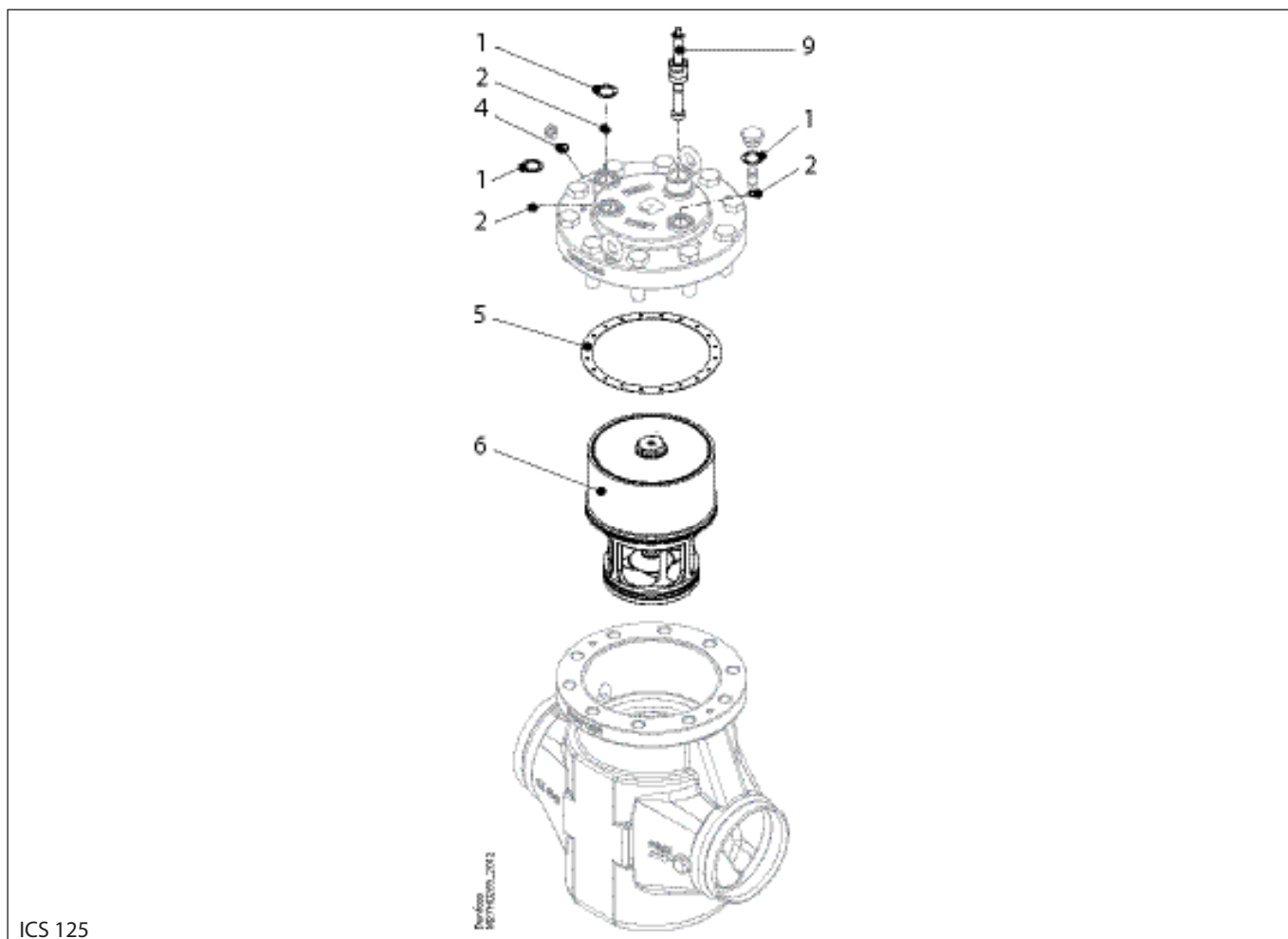


1  = Fibre  Total no. = 3	2   Total no. = 3	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6  Total no. = 1
9  Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7195
ICS, size 125

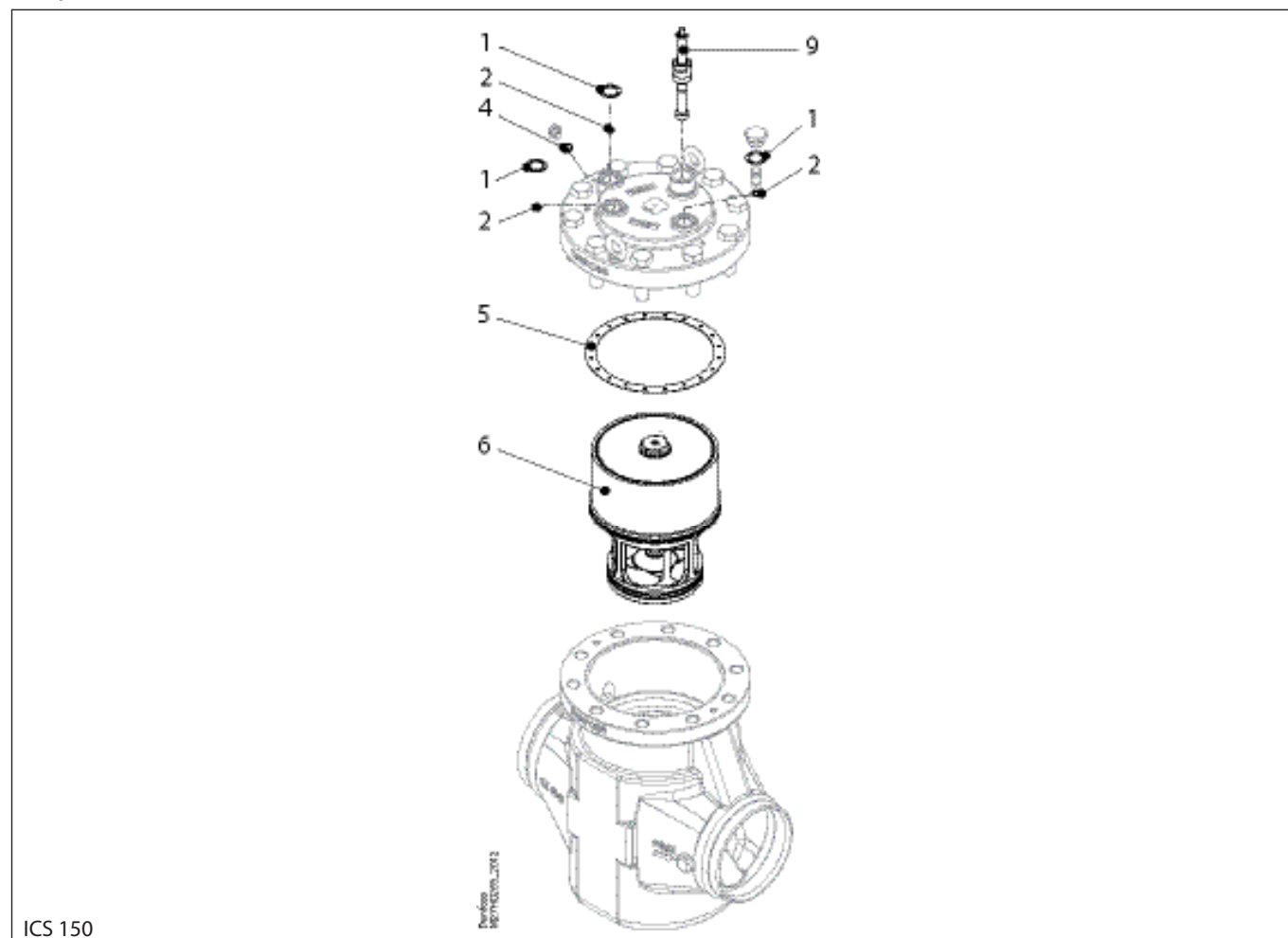


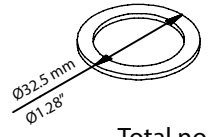
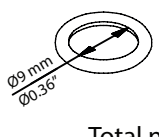
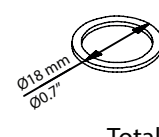
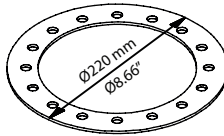
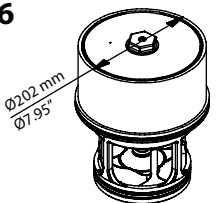
1  = Fibre Total no. = 3	2  Total no. = 3	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1	6 Total no. = 1
9  Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7198
ICS, size 150

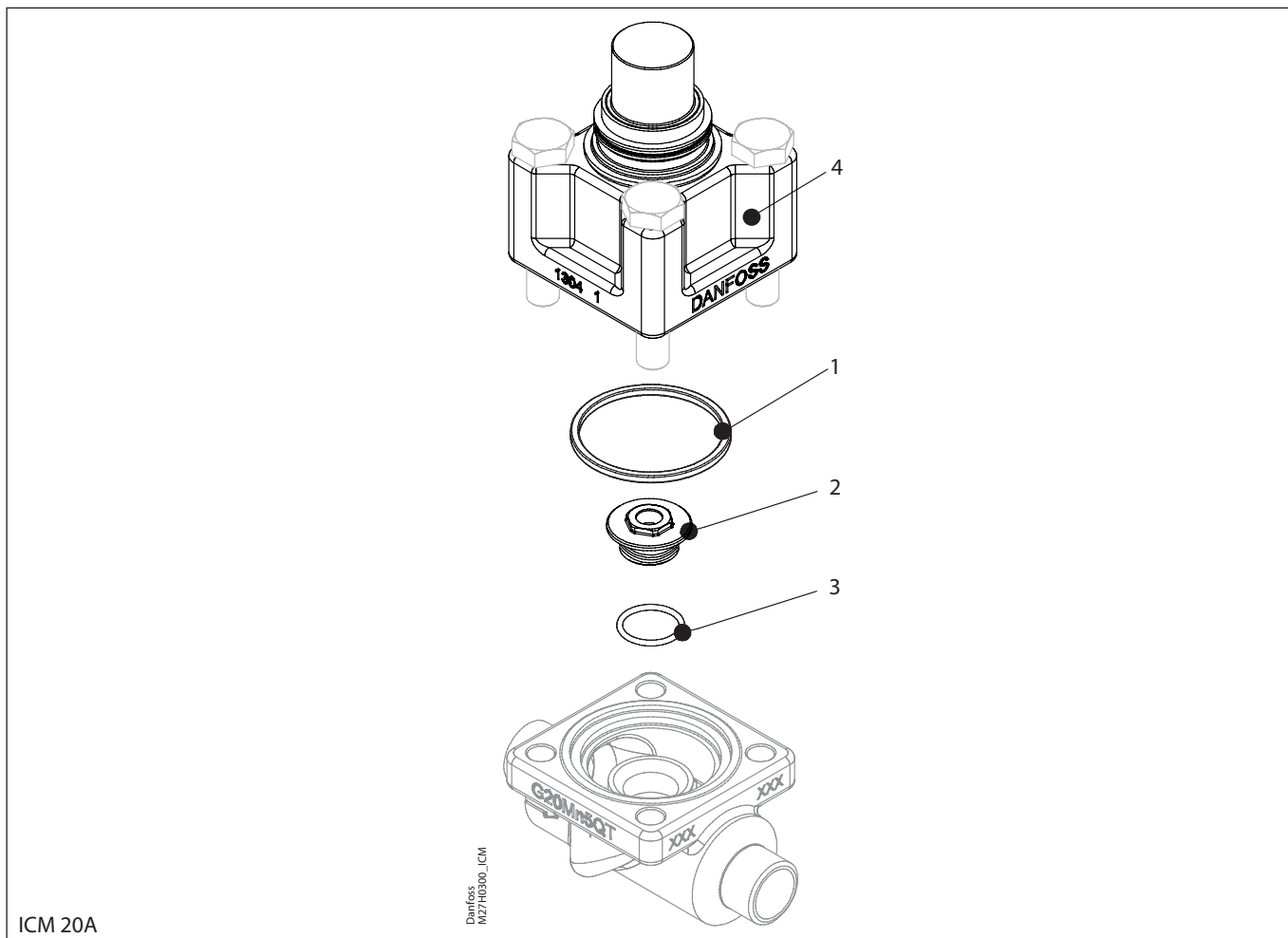


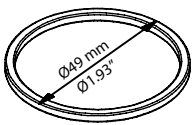
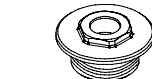
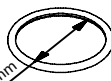
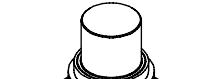
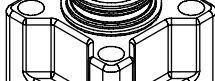
1  = Fibre  Total no. = 3	2   Total no. = 3	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1	6  Total no. = 1
9  Total no. = 1				

For a complete replacement of the ICS top cover including gasket; please see page 127.

Data sheet – Spare parts and accessories

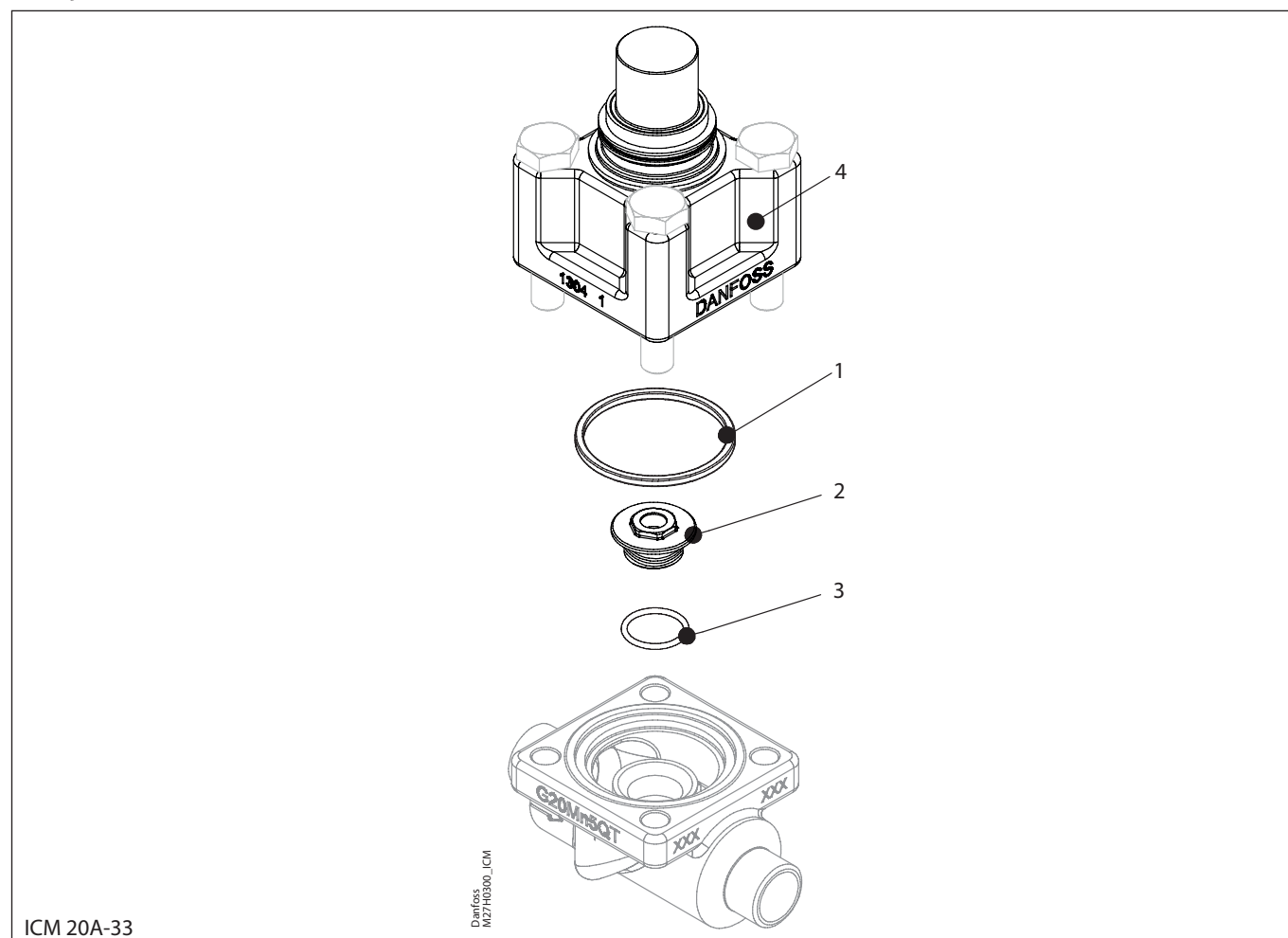
Overhaul kit | Code number 027H1180
ICM, size 20A



1  = Rubber  Ø49 mm Ø1.93" Total no. = 1	2   Ø5.5 mm Ø0.217" Total no. = 1	3  Ø17 mm Ø0.67" Total no. = 1	4   Ø5.5 mm Ø0.22" Cone type A:  5 mm 0.2" Total no. = 1
---	---	---	---

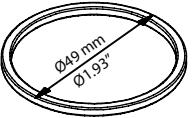
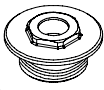
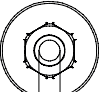
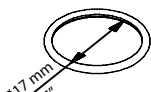
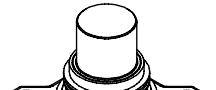
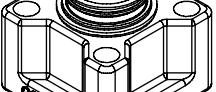
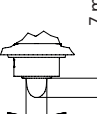
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H1186
ICM, size 20A-33



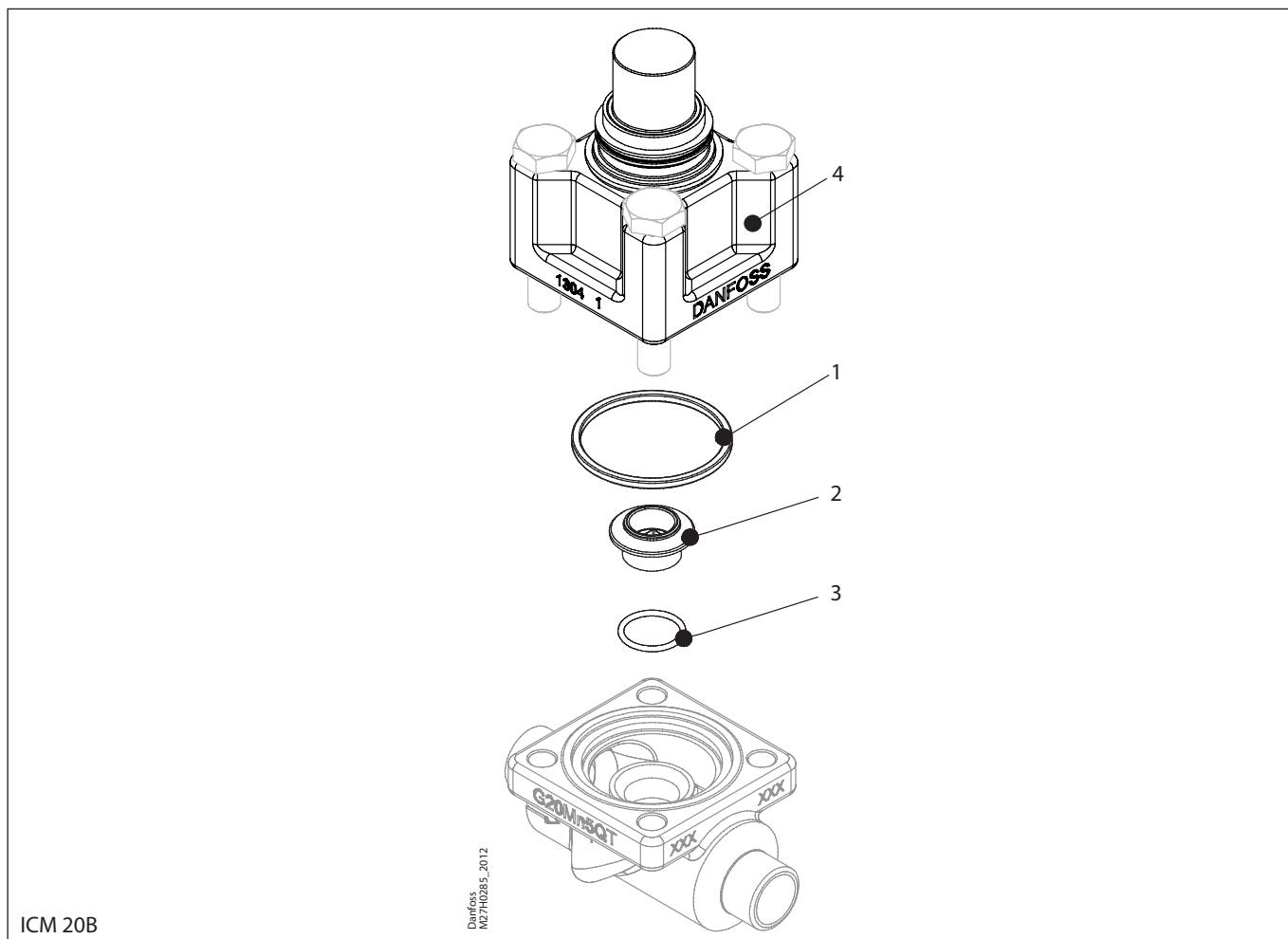
ICM 20A-33

Danfoss
M27H0300_ICM

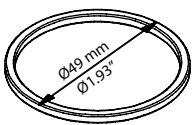
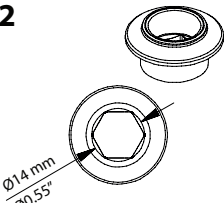
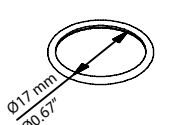
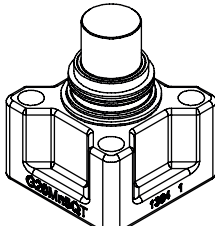
1  = Rubber  Ø49 mm Ø1.93" Total no. = 1	2   Ø5.5 mm Ø0.217" Total no. = 1	3   Ø17 mm Ø0.67" Total no. = 1	4   Ø5.5 mm Ø0.22" Cone type A-33:  7 mm 0.28" Total no. = 1
---	---	---	---

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H1181
ICM, size 20B

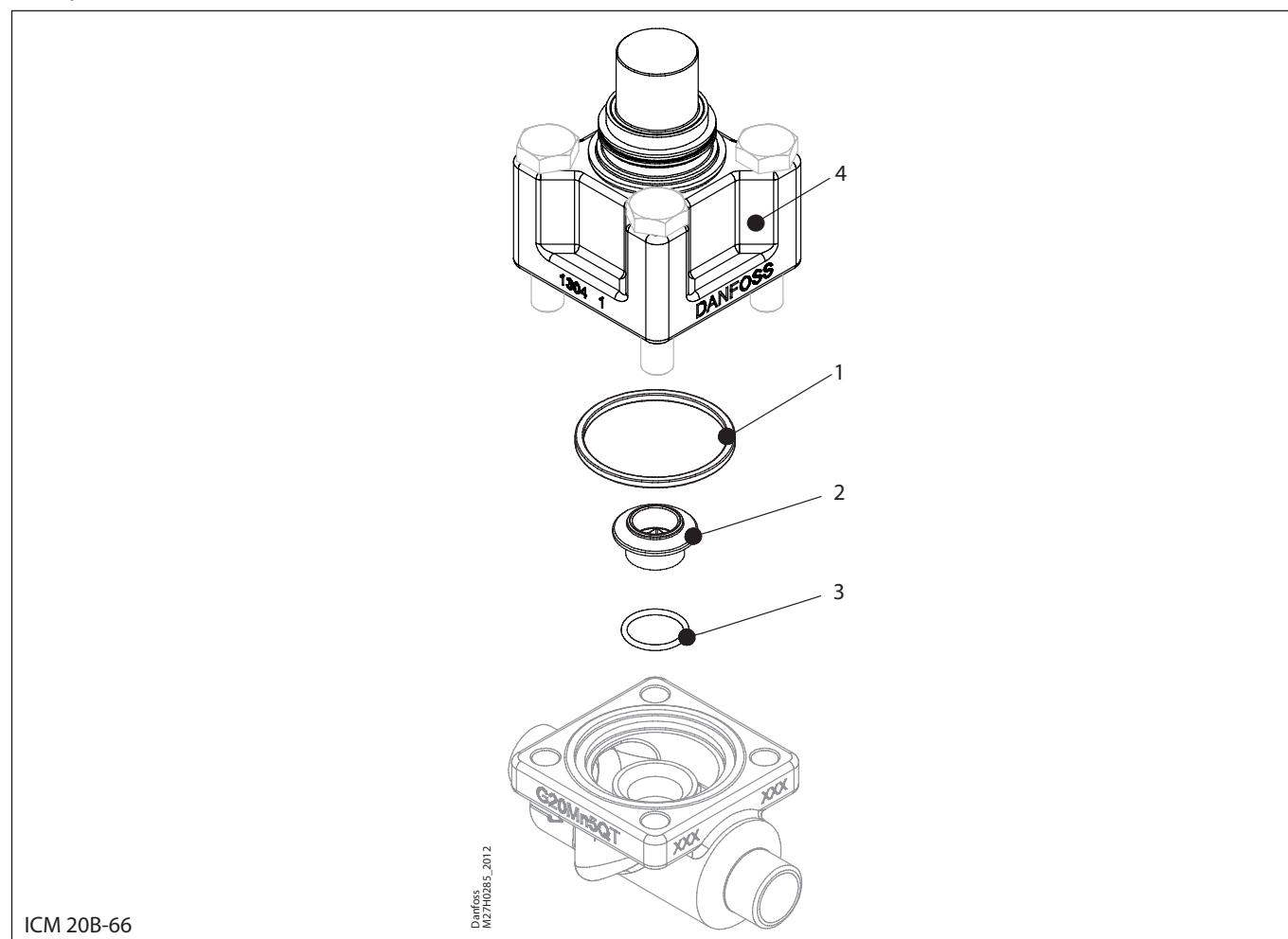


ICM 20B

1  = Rubber  Total no. = 1	2  Total no. = 1	3  Total no. = 1	4  Cone type B: 6.5mm 0.26" Total no. = 1
--	--	--	---

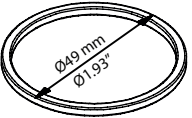
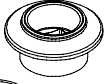
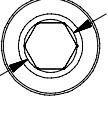
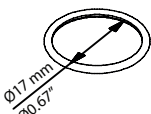
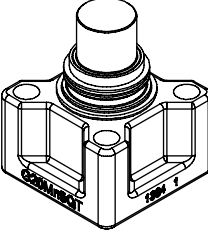
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H1194
ICM, size 20B-66



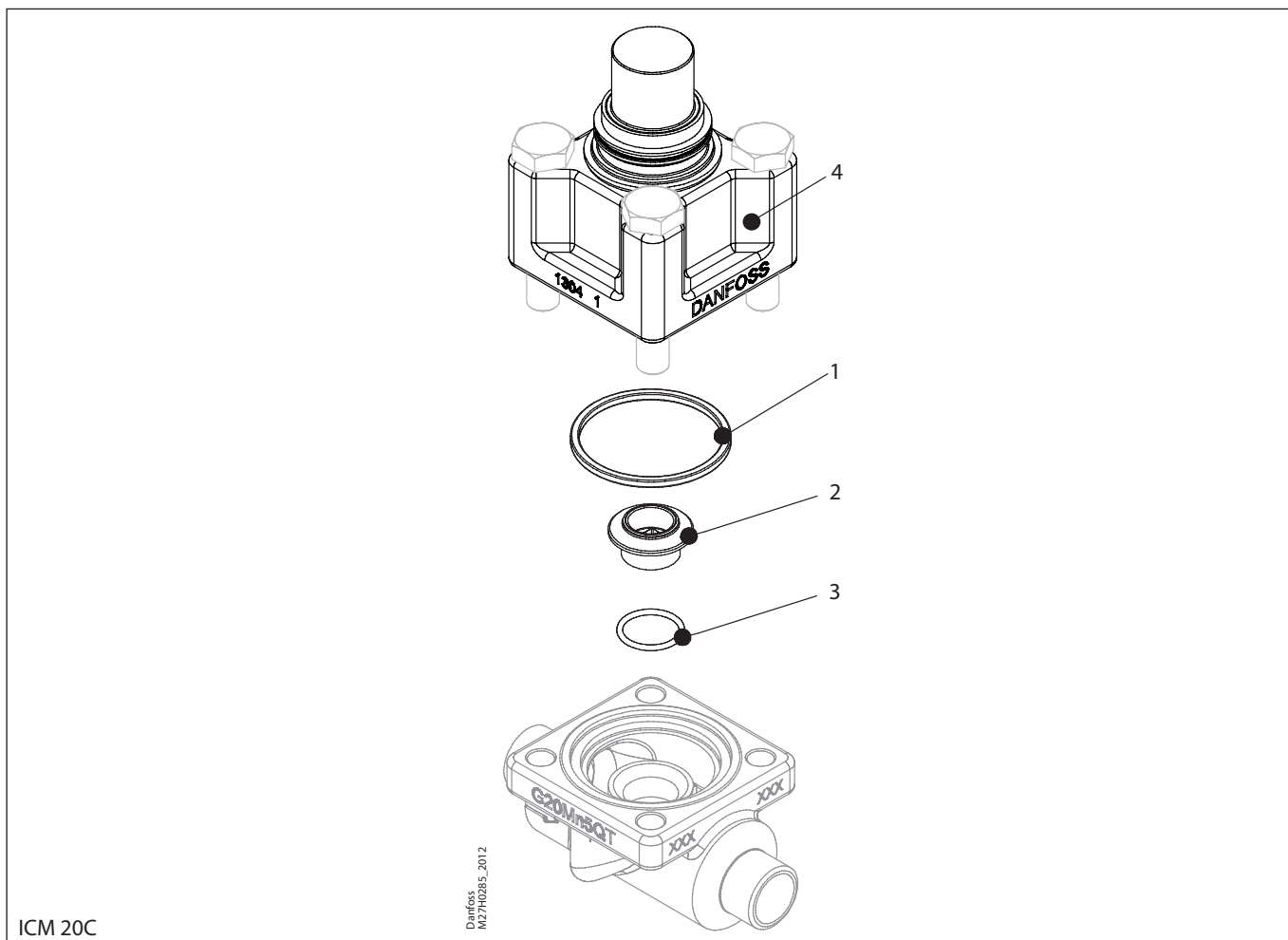
ICM 20B-66

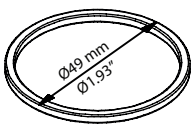
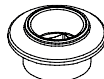
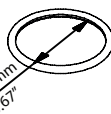
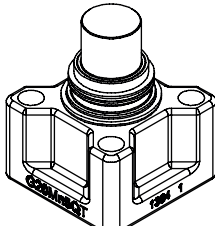
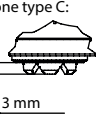
Danfoss
M27H0285_2012

1  = Rubber  Ø49 mm Ø1.93" Total no. = 1	2   Ø14 mm Ø0.55" Total no. = 1	3   Ø17 mm Ø0.67" Total no. = 1	4  Cone type B-66:  7.5 mm 0.29" Total no. = 1
---	---	---	--

Data sheet – Spare parts and accessories

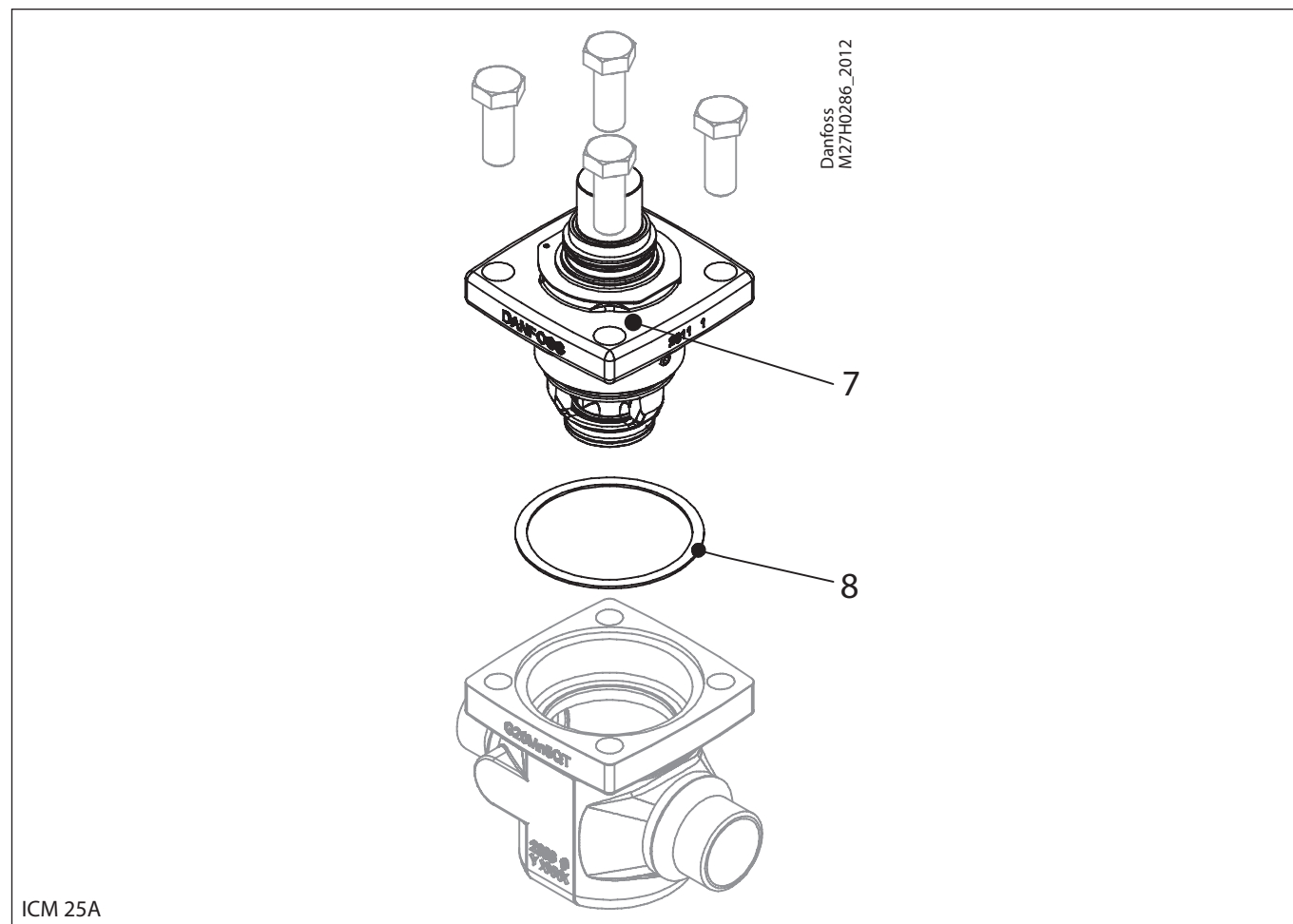
Overhaul kit | Code number 027H1182
ICM, size 20C



1  = Rubber  Total no. = 1	2   Total no. = 1	3   Total no. = 1	4  Cone type C:  Total no. = 1
--	--	--	--

Data sheet – Spare parts and accessories

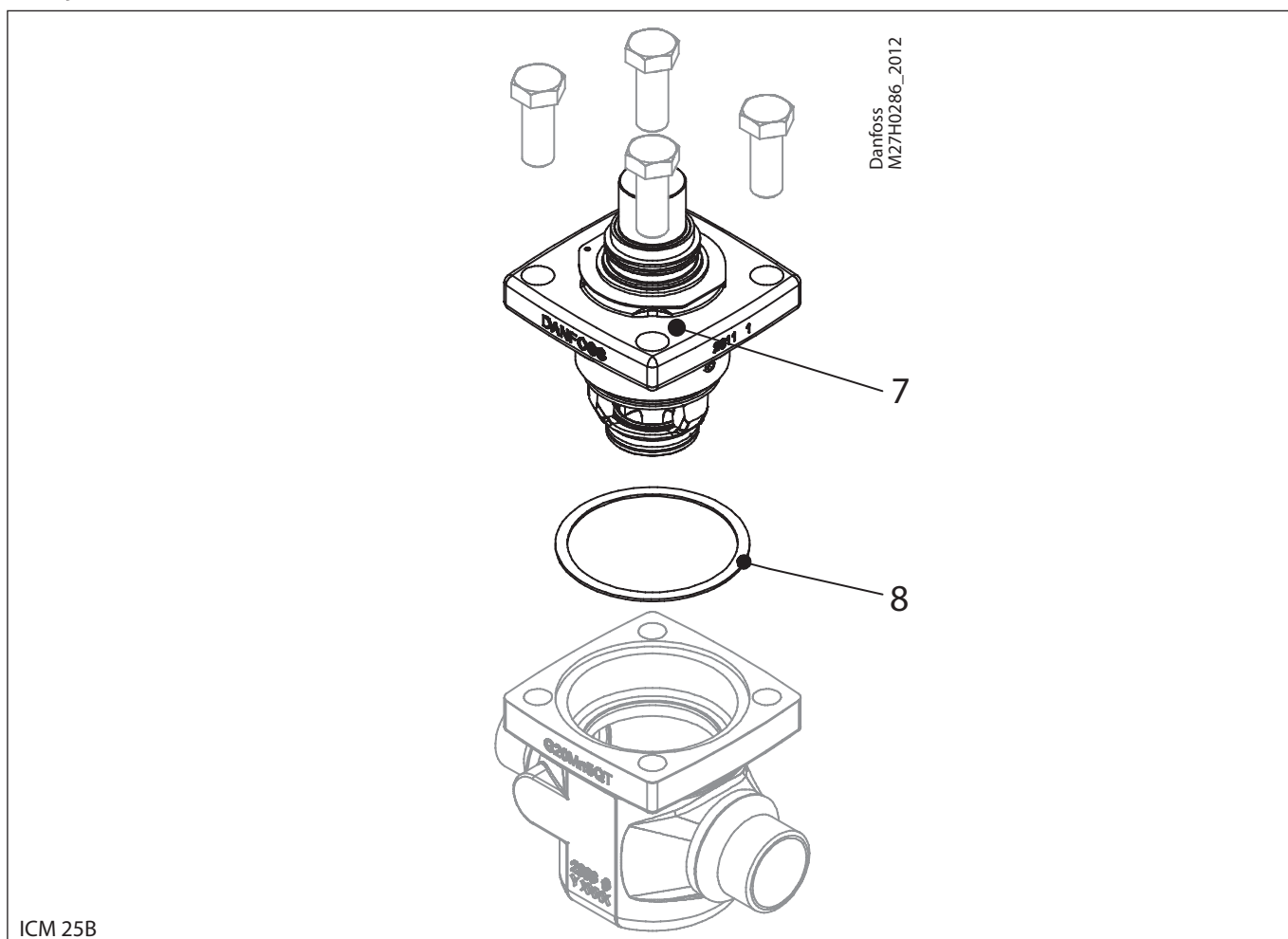
Overhaul kit | Code number 027H2180
ICM, size 25A



8 = Fibre Ø73 mm Ø87 mm Total no. = 1	7 3 holes Total no. = 1	
---	---	--

Data sheet – Spare parts and accessories

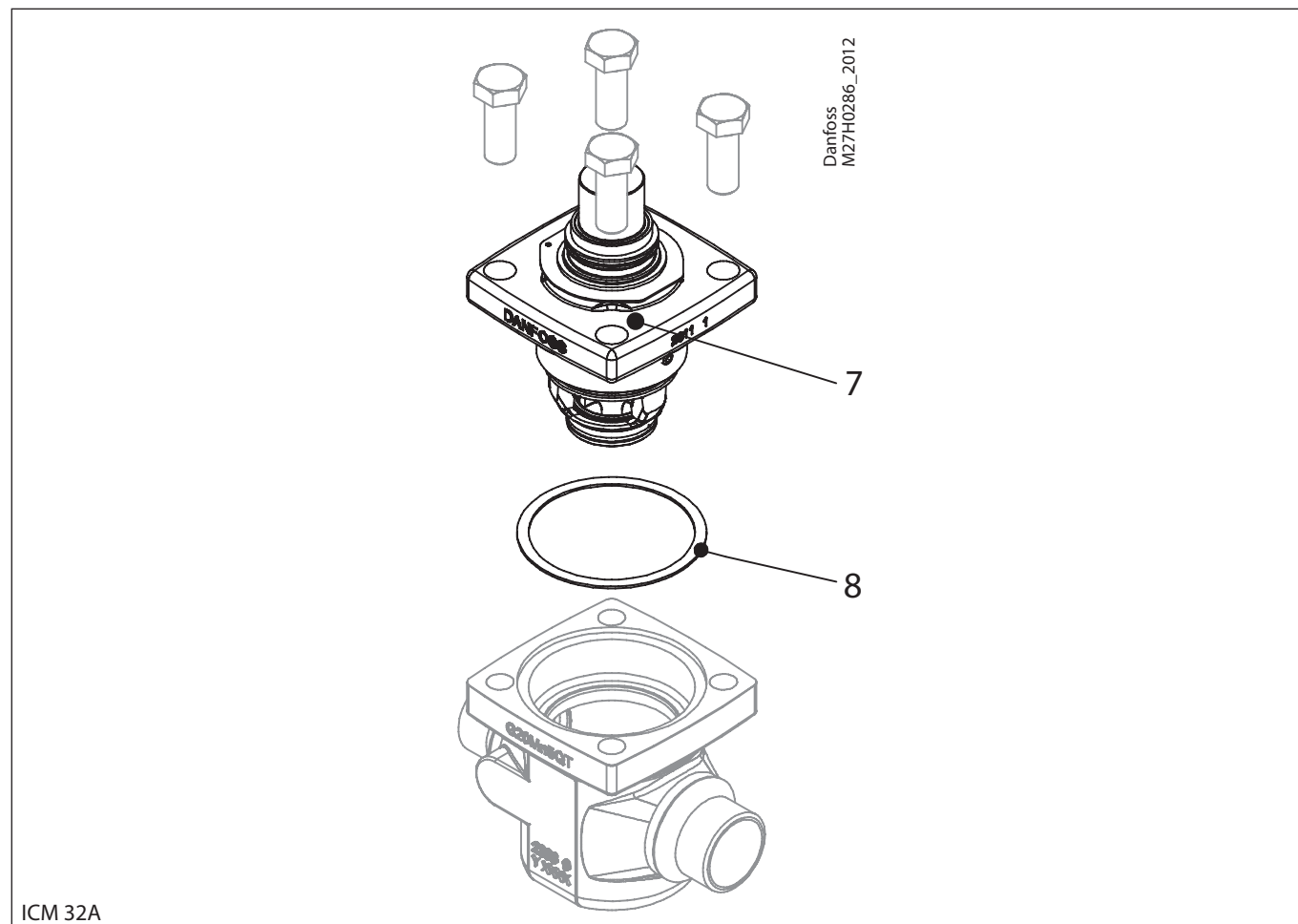
Overhaul kit | Code number 027H2181
ICM, size 25B



8 — = Fibre Total no. = 1	7 6 slots Total no. = 1	
---	---	--

Data sheet – Spare parts and accessories

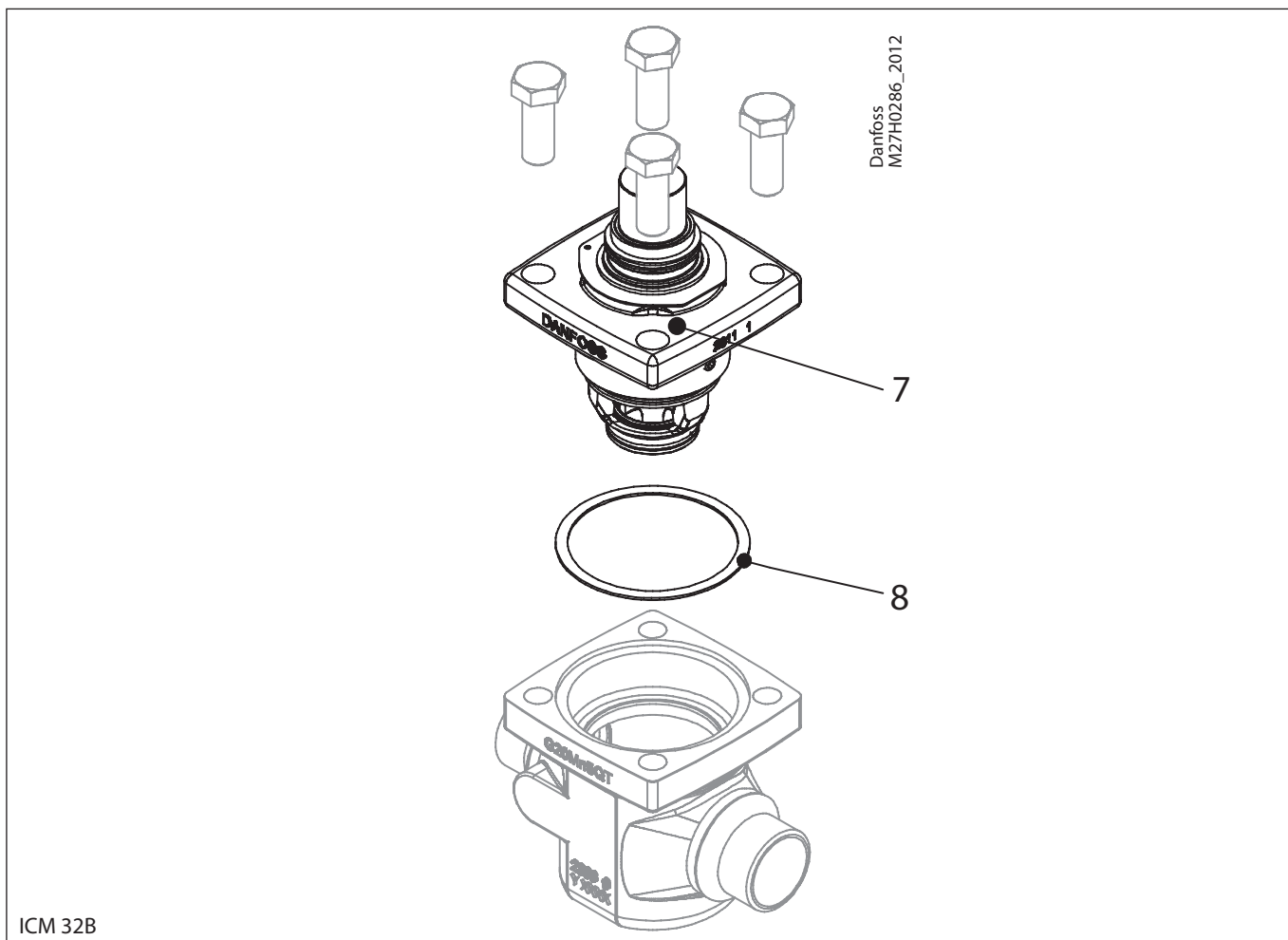
Overhaul kit | Code number 027H3180
ICM, size 32A



8 — = Fibre Ø86 mm Ø3.39" Total no. = 1	7 4 holes Total no. = 1	
--	--	--

Data sheet – Spare parts and accessories

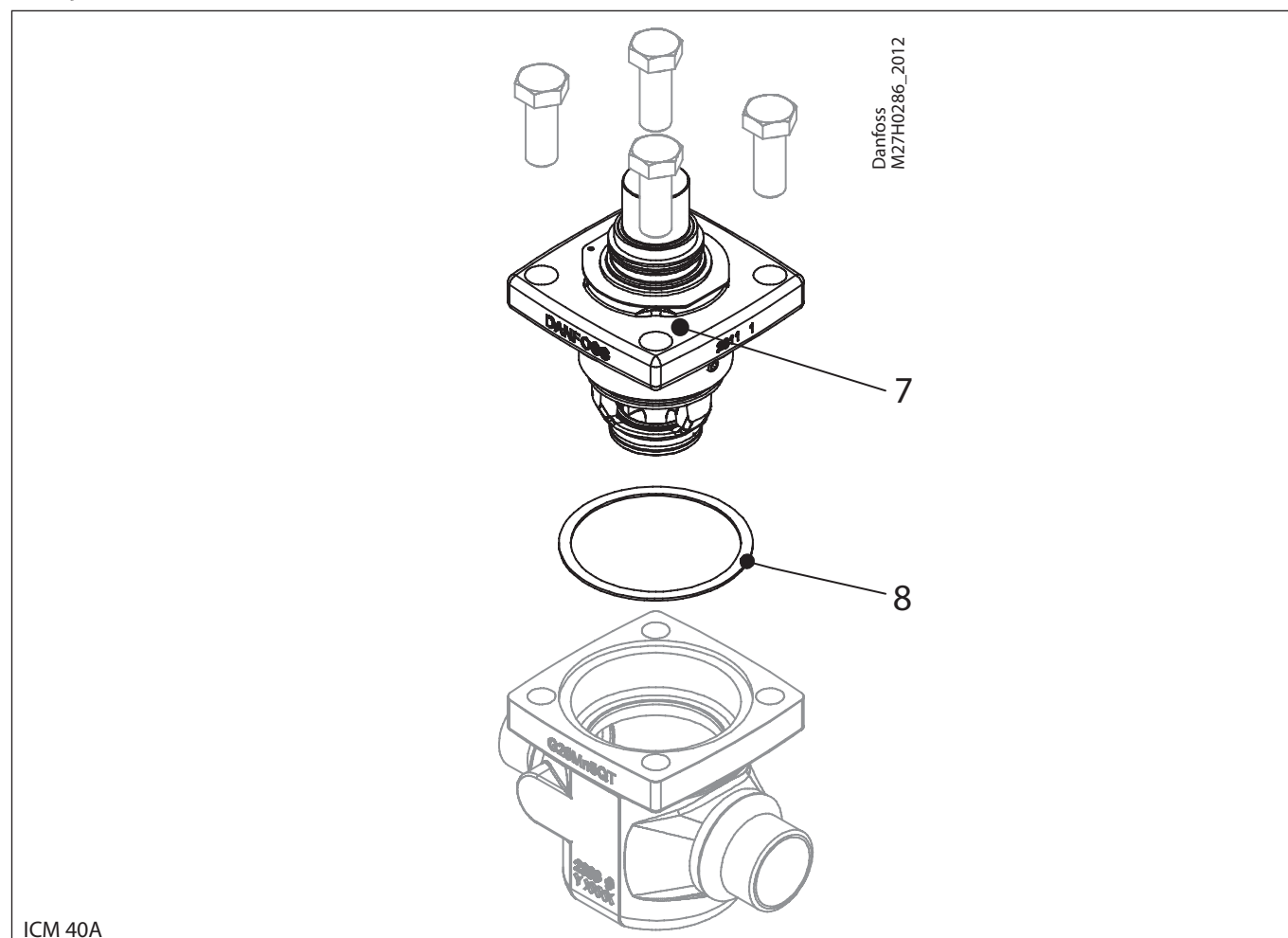
Overhaul kit | Code number 027H3181
ICM, size 32B



8 — = Fibre Total no. = 1	7 6 slots Total no. = 1	
---	---	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H4180
ICM, size 40A

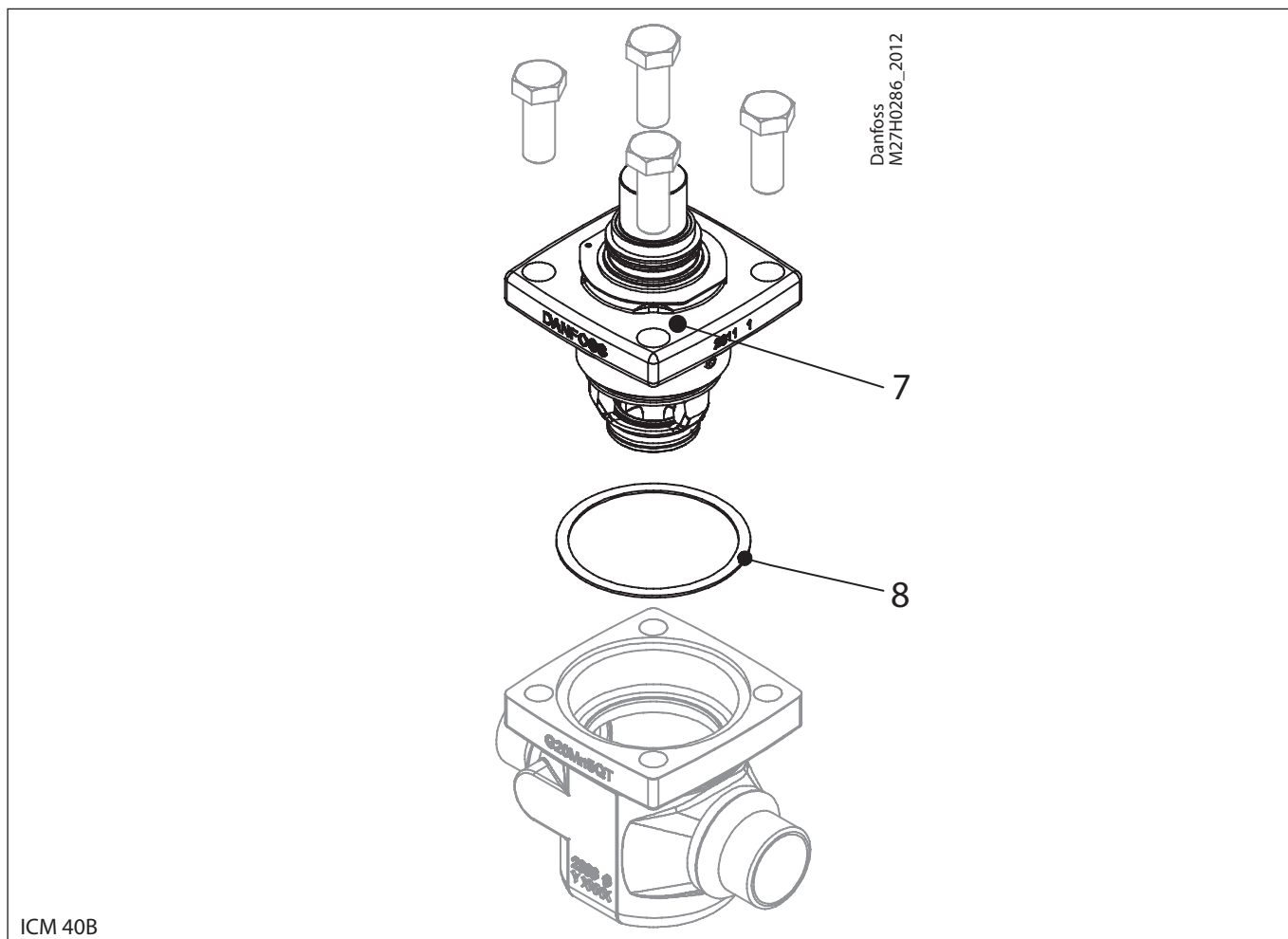


ICM 40A

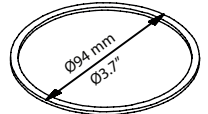
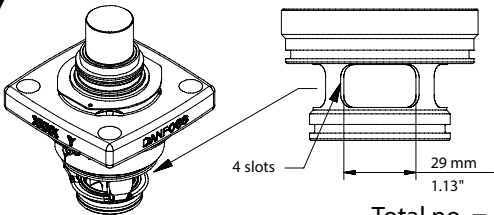
8 Total no. = 1	7 Total no. = 1	
--------------------------------------	--------------------------------------	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H4181
ICM, size 40B

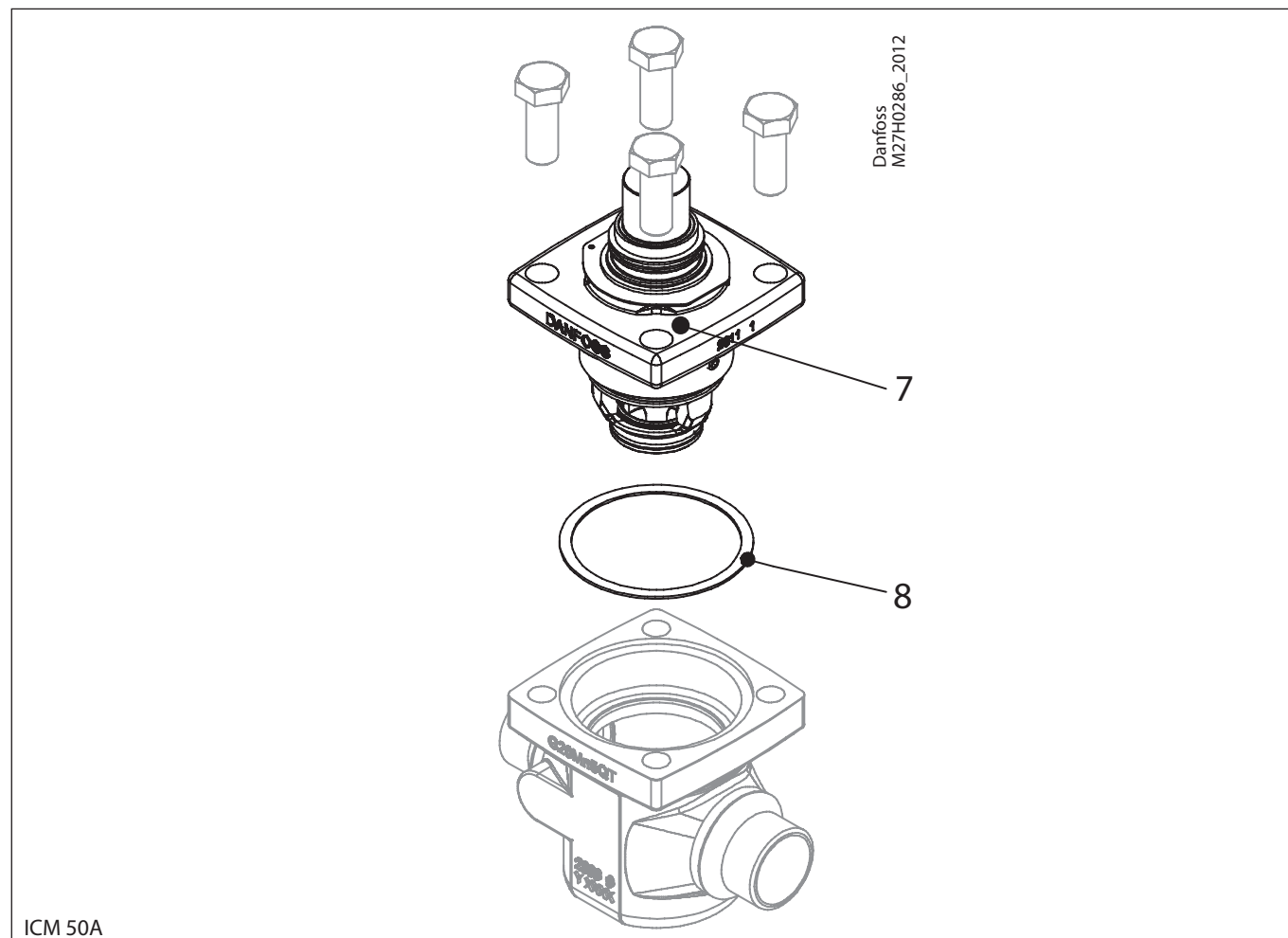


ICM 40B

8  = Fibre  Total no. = 1	7  Total no. = 1	
---	--	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H5180
ICM, size 50A

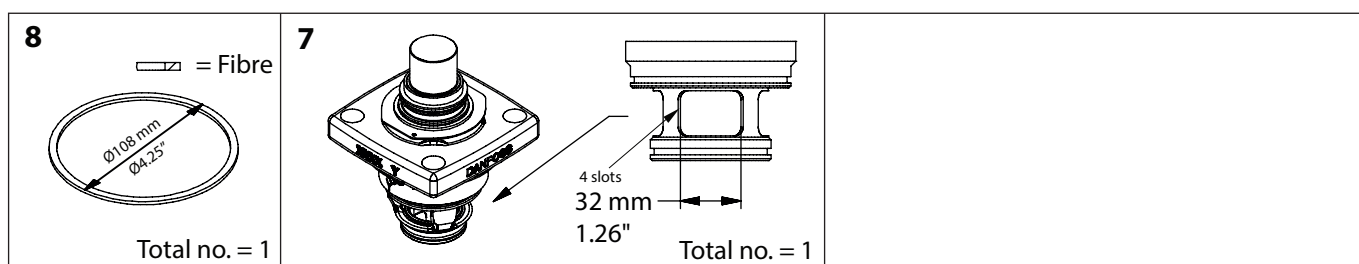
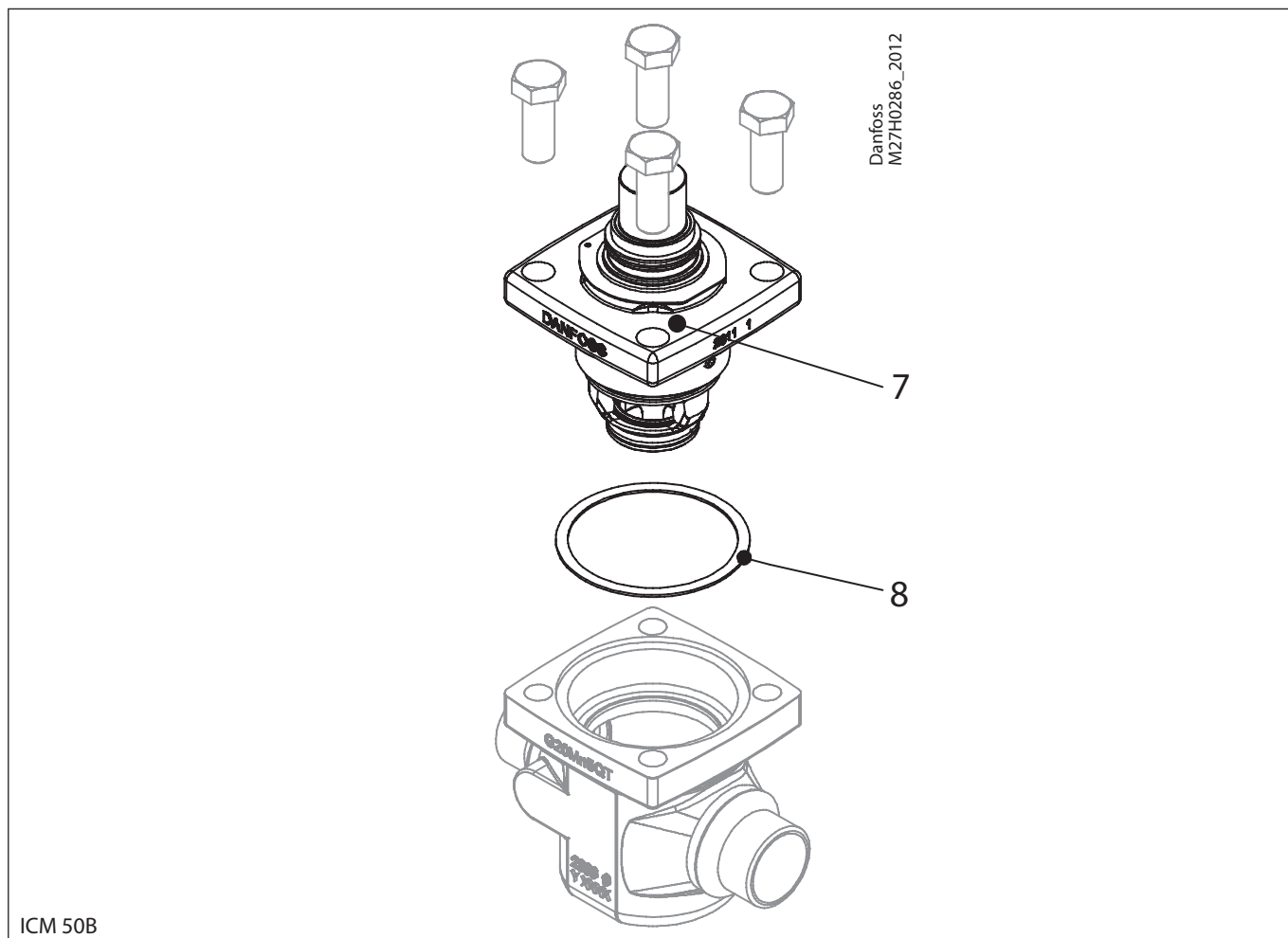


ICM 50A

8 Ø108 mm Ø4.25" Total no. = 1	7 4 slots 10 mm 0.39" Total no. = 1	
--	---	--

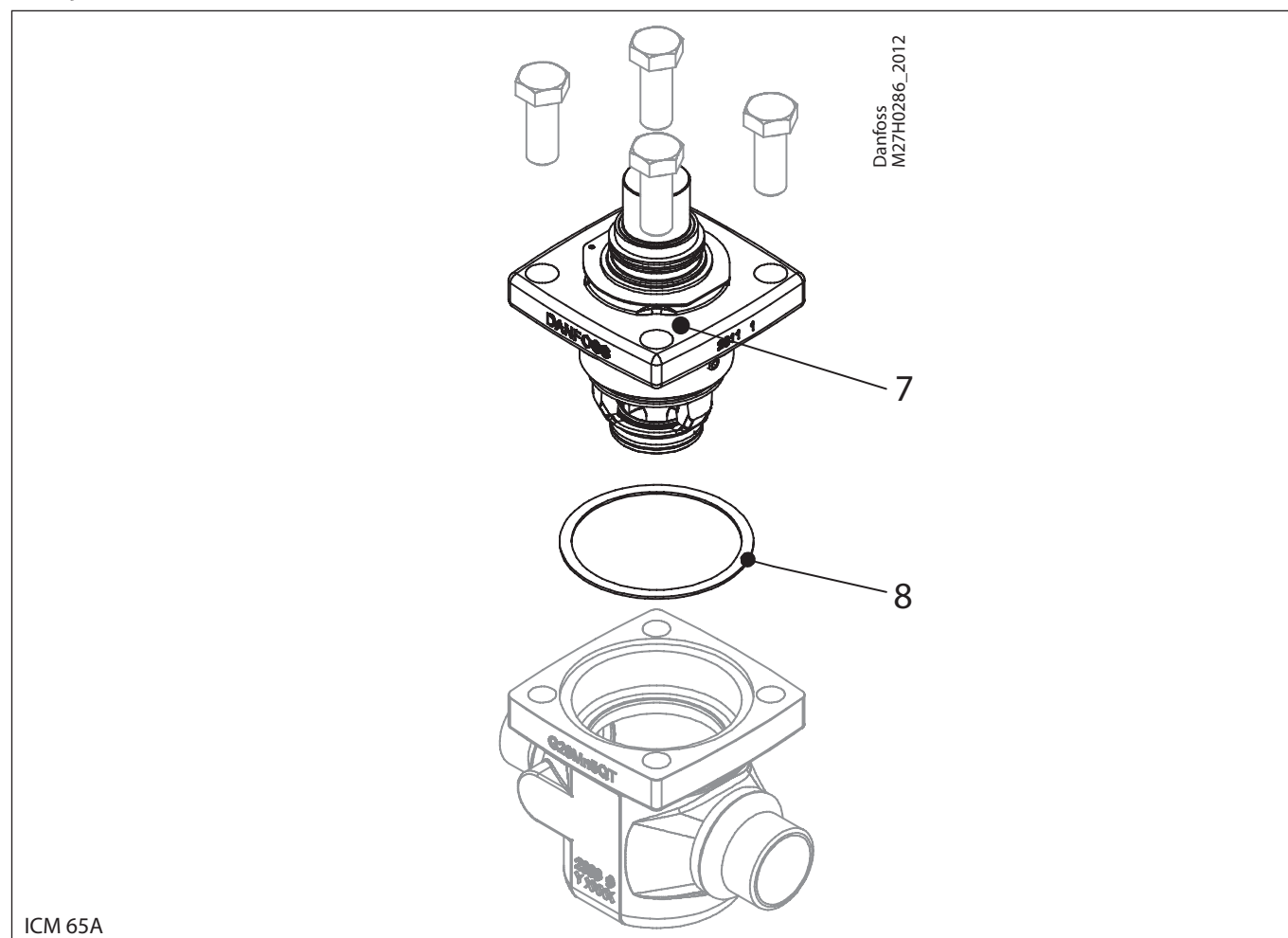
Data sheet – Spare parts and accessories

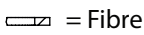
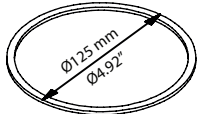
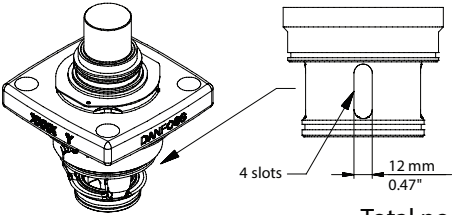
Overhaul kit | Code number 027H5181
ICM, size 50B



Data sheet – Spare parts and accessories

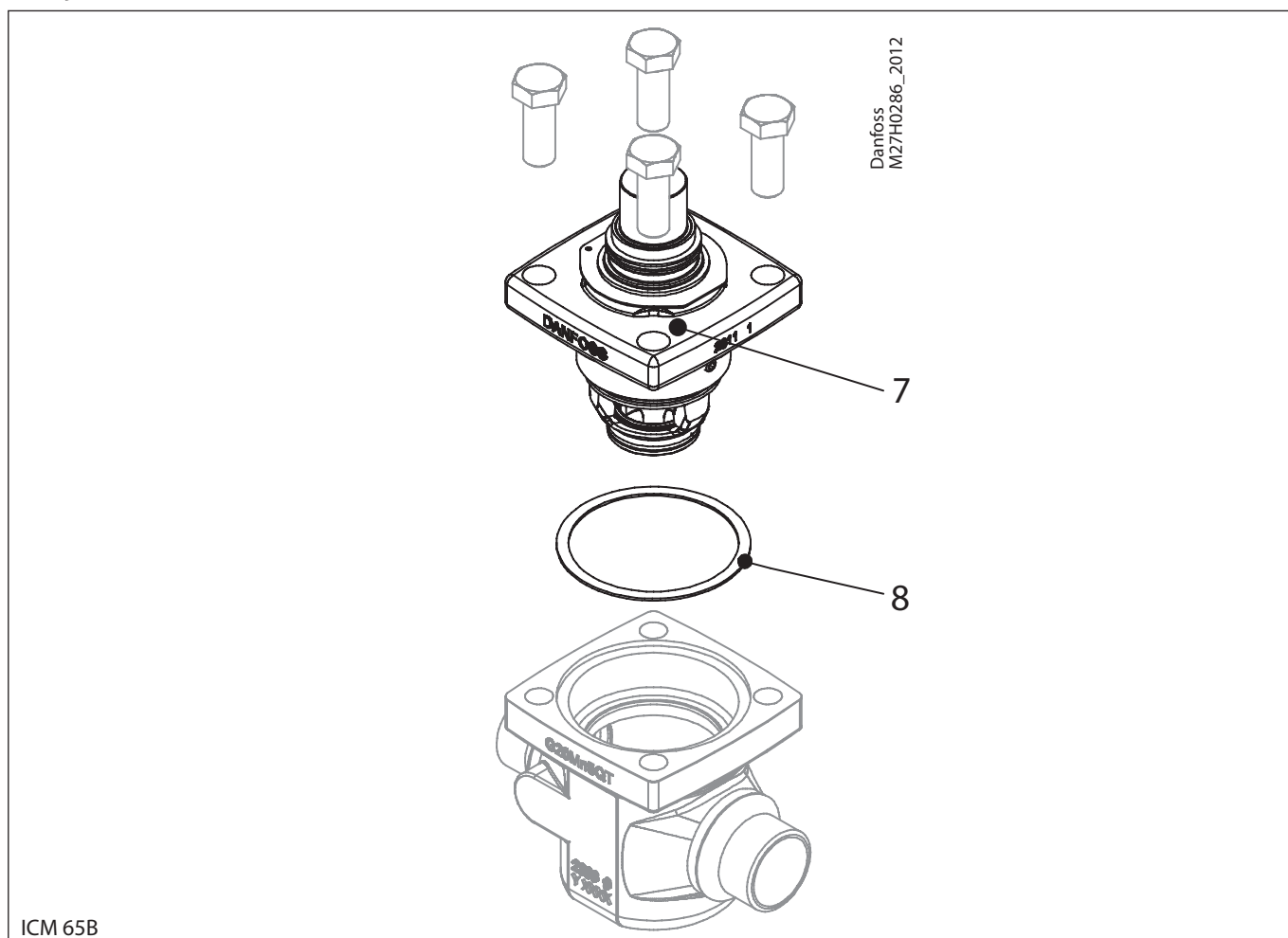
Overhaul kit | Code number 027H6180
ICM, size 65A



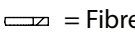
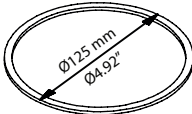
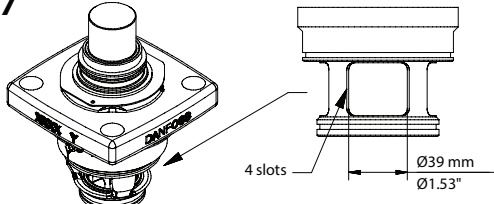
8  = Fibre  Total no. = 1	7  Total no. = 1	
--	---	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H6181
ICM, size 65B

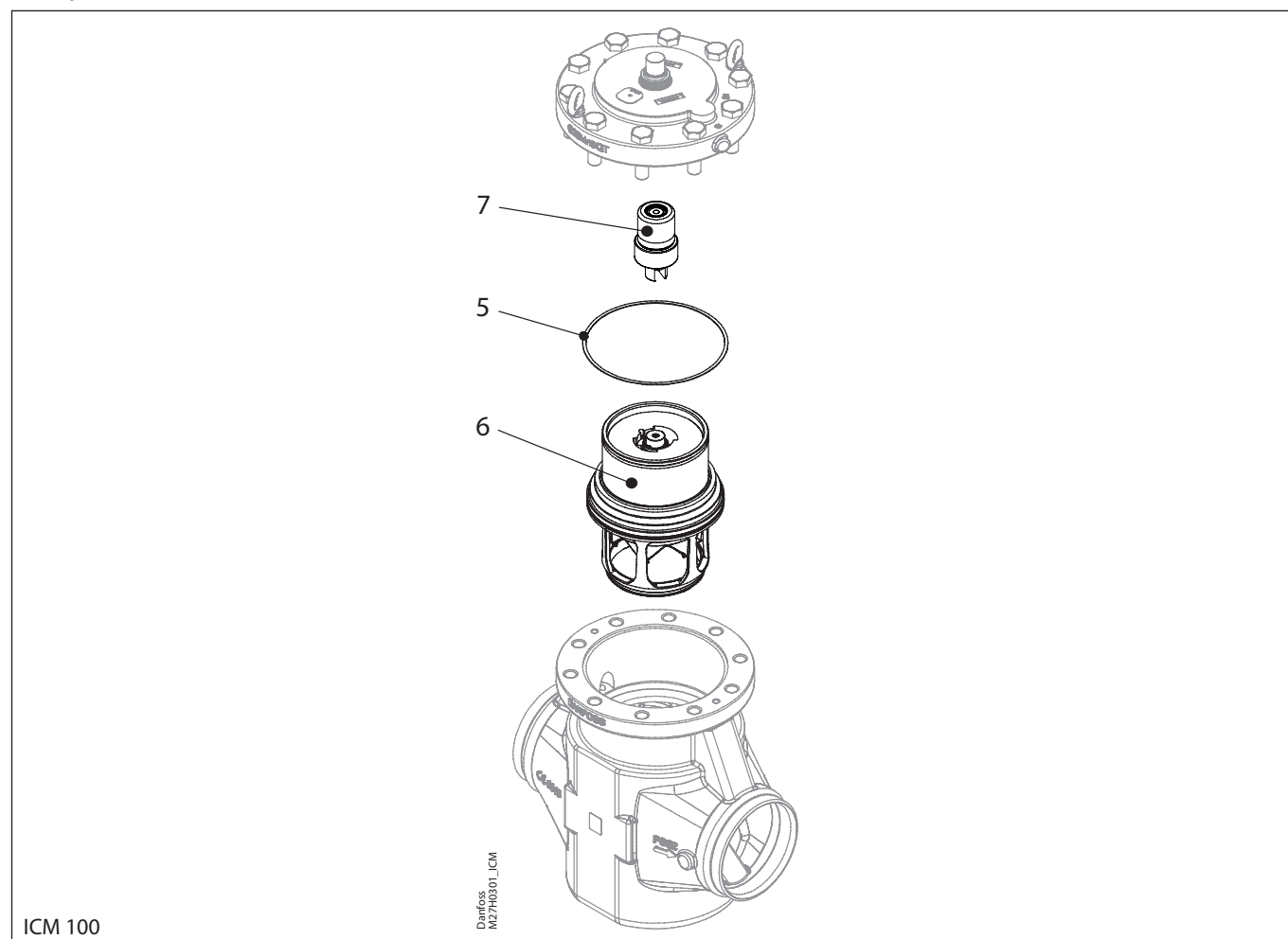


ICM 65B

8  = Fibre  Total no. = 1	7  4 slots Total no. = 1	
---	---	--

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7136
ICM, size 100

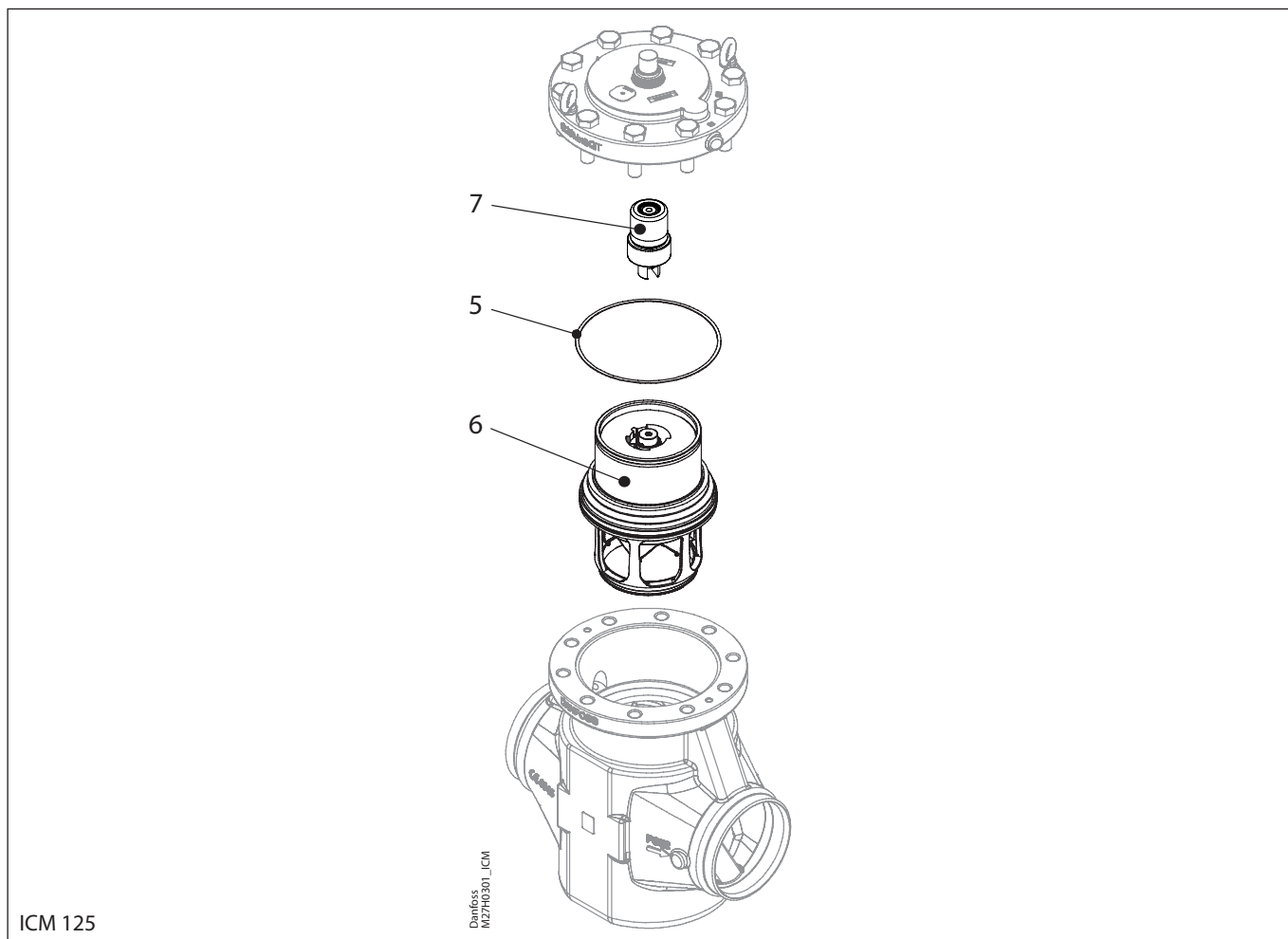


5 Total no. = 1	6 Total no. = 1	7 Total no. = 1	
--------------------------------------	--------------------------------------	--------------------------------------	--

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7156
ICM, size 125

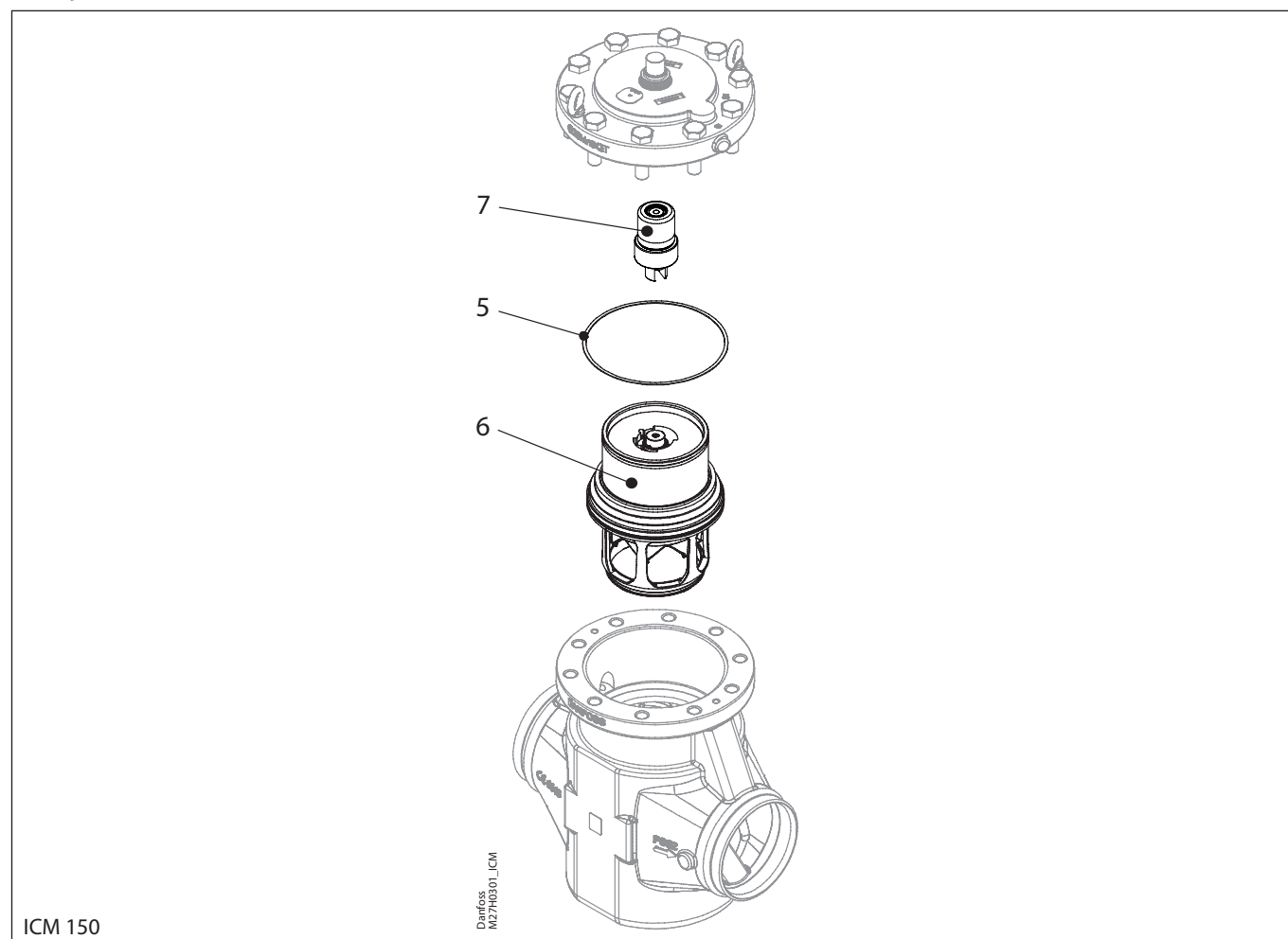


5 Total no. = 1	6 Total no. = 1	7 Total no. = 1	
--------------------------------------	--------------------------------------	--------------------------------------	--

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7176
ICM, size 150

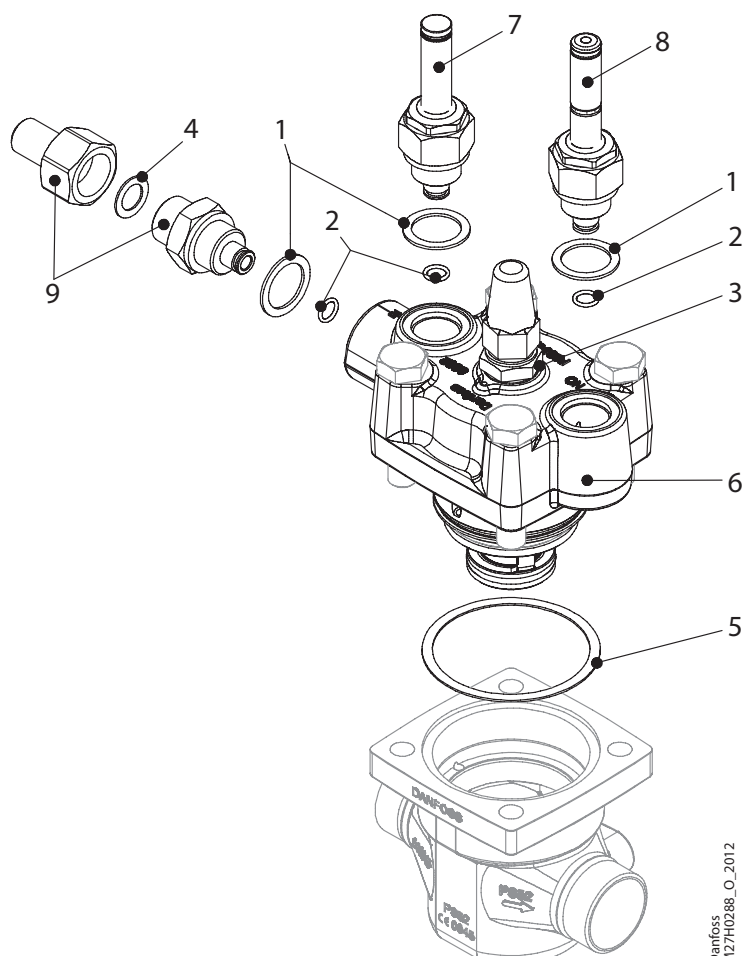


5 Total no. = 1	6 Total no. = 1	7 Total no. = 1	
--------------------------------------	--------------------------------------	--------------------------------------	--

For a complete replacement of the ICM top cover including magnetic coupling and gasket; please see page 129.

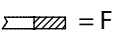
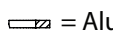
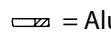
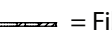
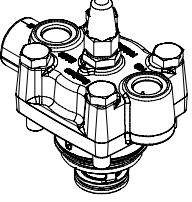
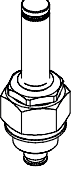
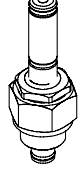
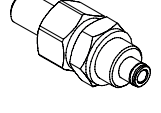
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H3204
ICLX, size 32



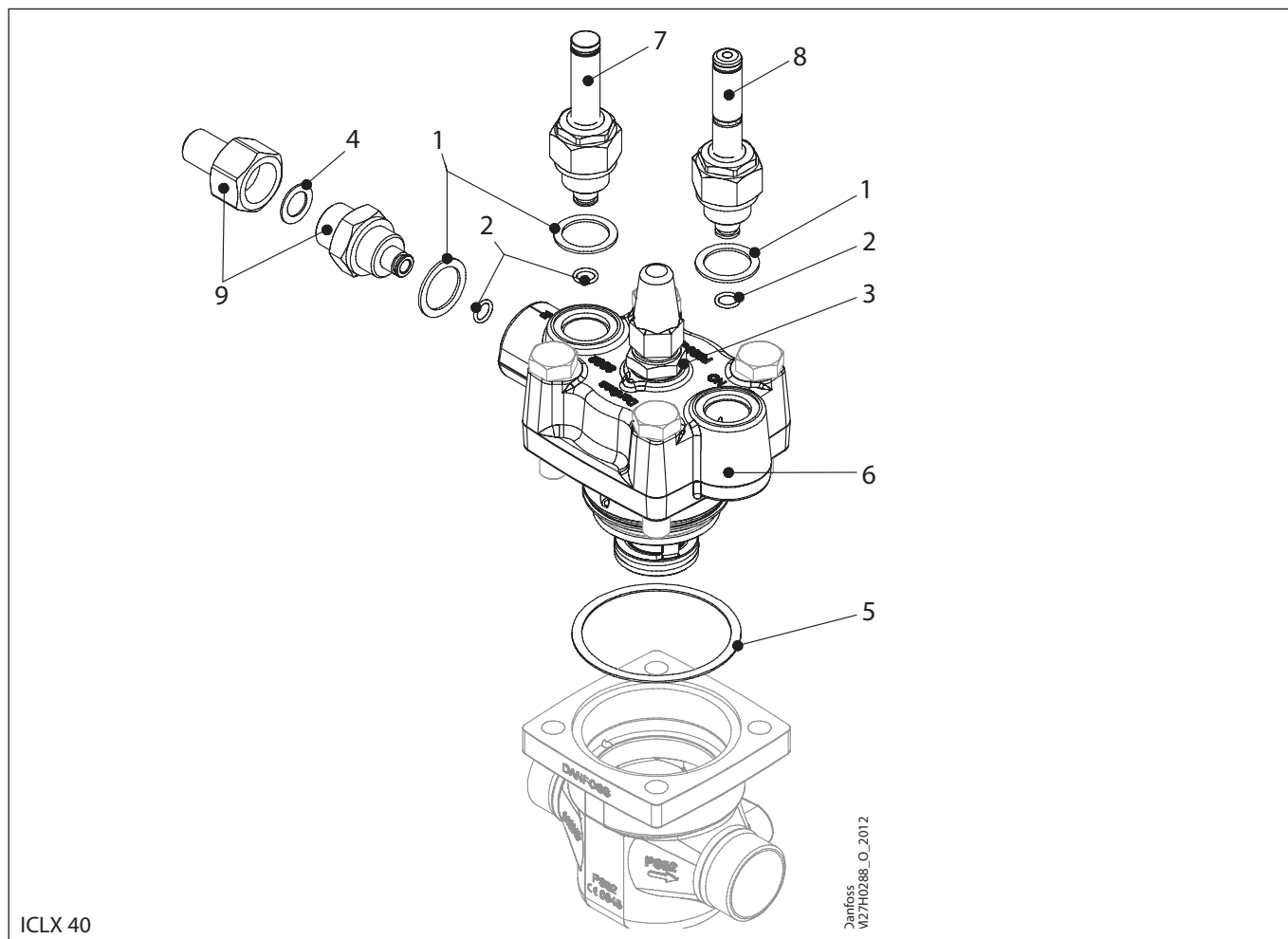
ICLX 32

Danfoss
W27H0288_O_2012

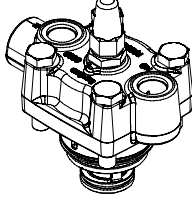
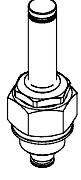
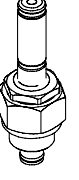
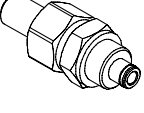
1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H4204
ICLX, size 40

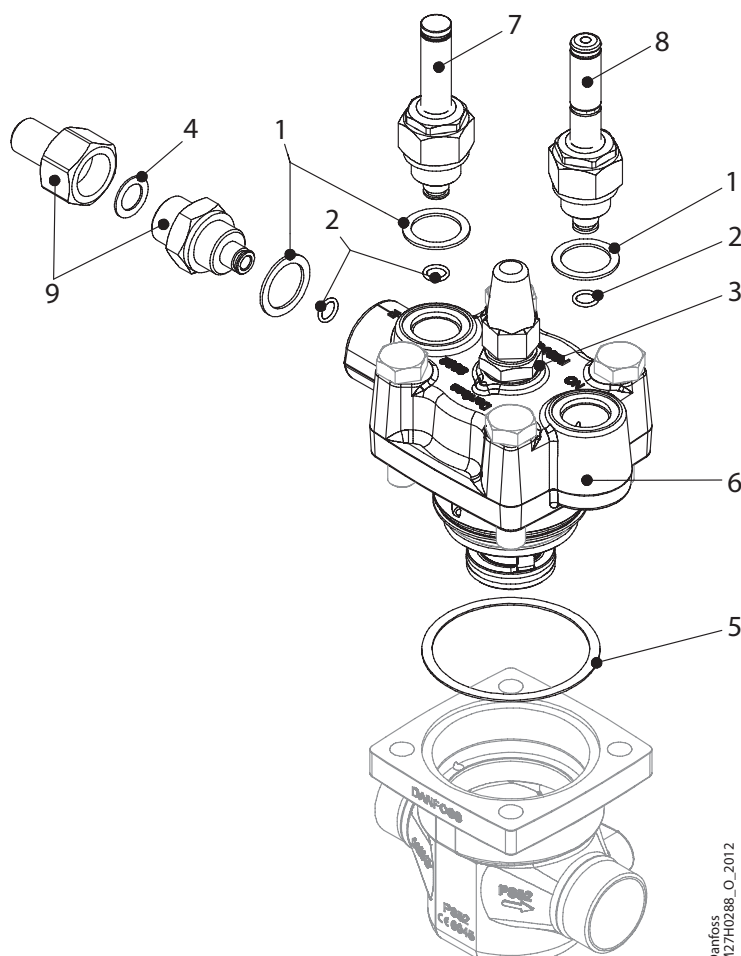


ICLX 40

1  = Fibre Total no. = 3	2  = Alu. Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	

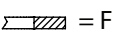
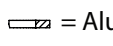
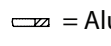
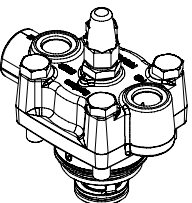
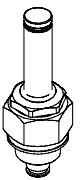
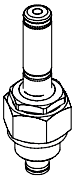
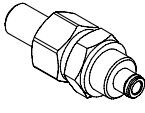
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H5204
ICLX, size 50



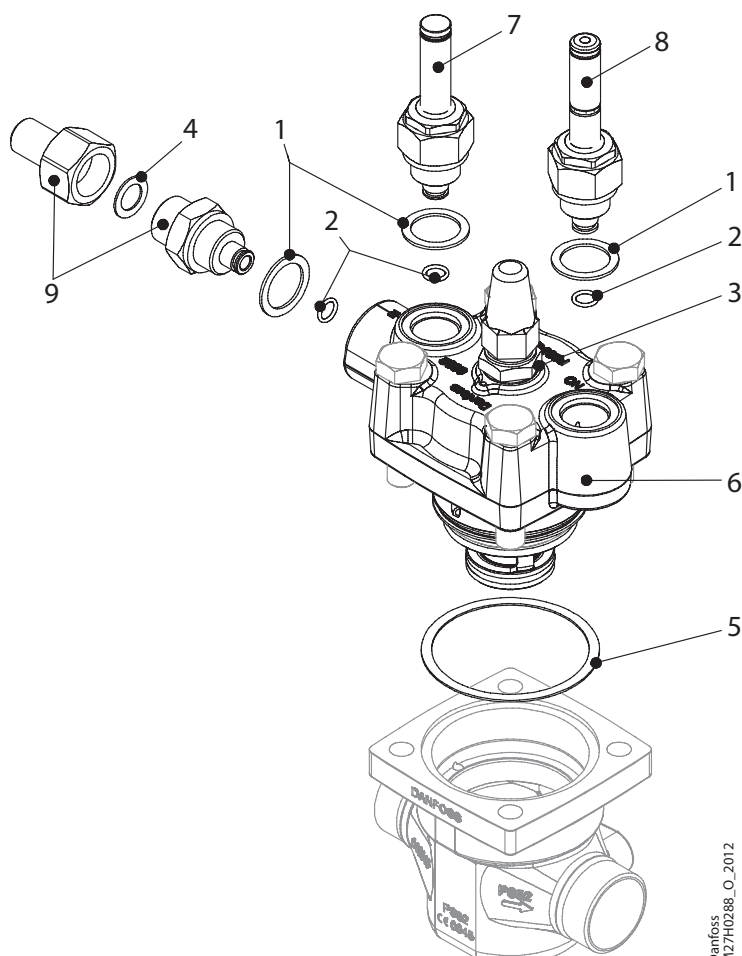
ICLX 50

Danfoss
V127H0288_O_2012

1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	

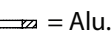
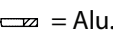
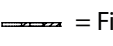
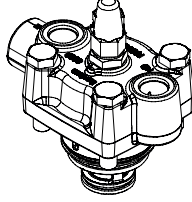
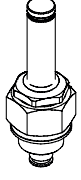
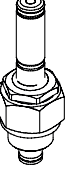
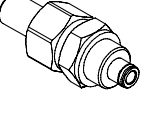
Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H6204
ICLX, size 65/80



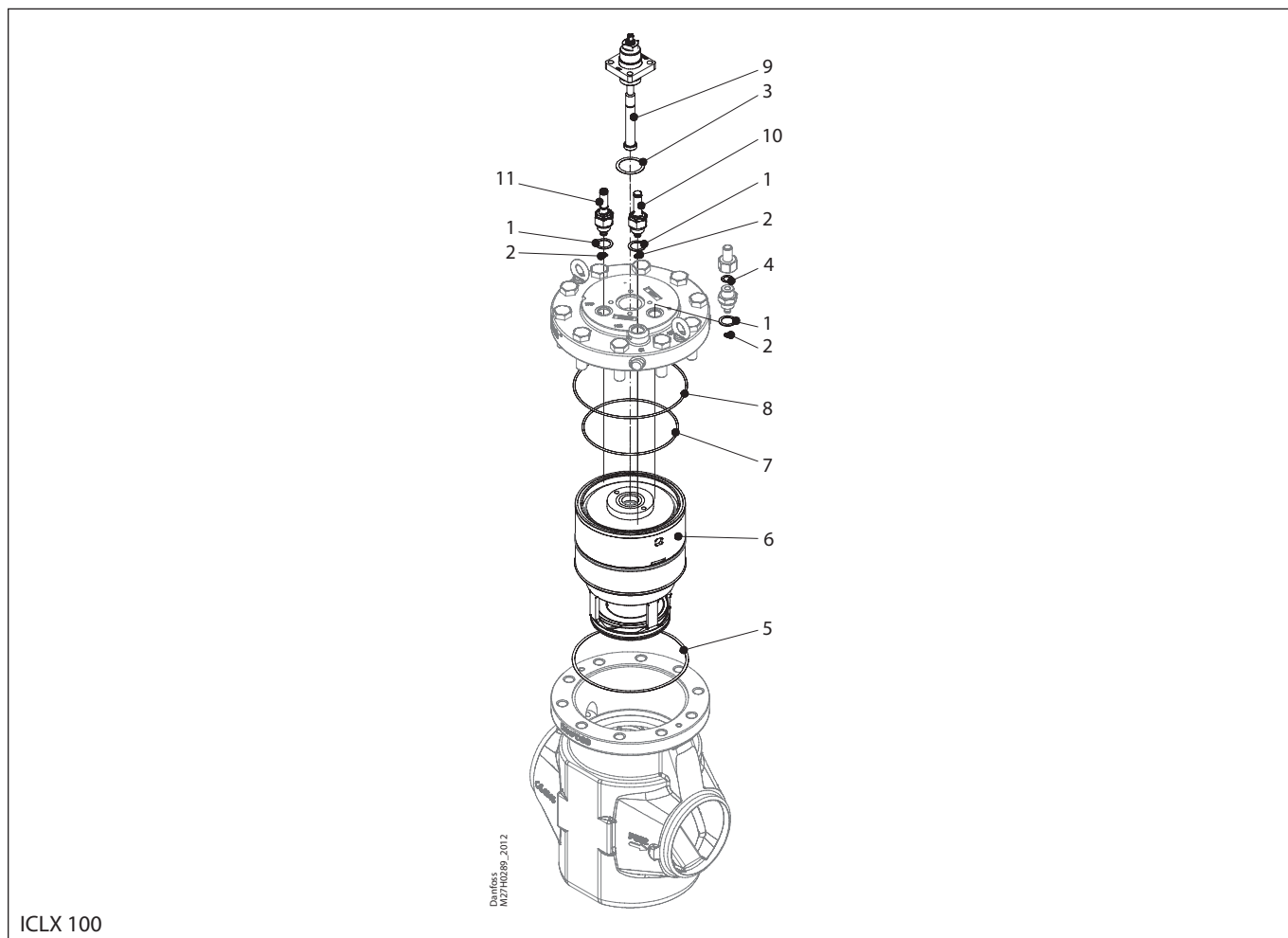
ICLX 65/80

Danfoss
W27H0288_O_2012

1  = Fibre Total no. = 3	2  Total no. = 3	3  = Alu. Total no. = 1	4  = Alu. Total no. = 1	5  = Fibre Total no. = 1
6  Total no. = 1	7  Total no. = 1	8  Total no. = 1	9  Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7221
ICLX, size 100

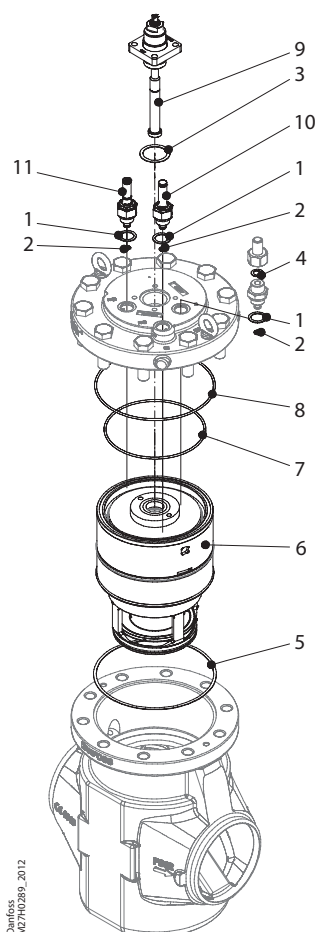


ICLX 100

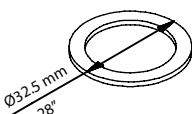
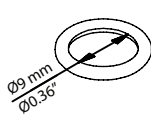
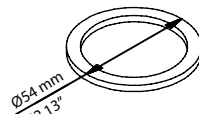
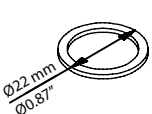
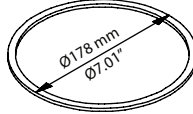
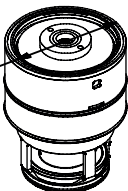
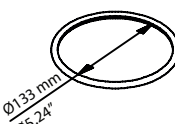
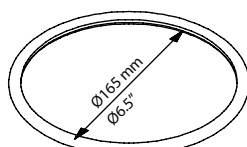
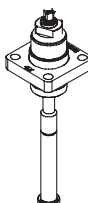
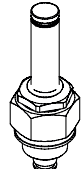
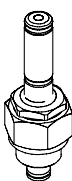
1 = Fibre $\varnothing 32.5 \text{ mm}$ $\varnothing 1.28''$ Total no. = 3	2 = Fibre $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	3 = Fibre $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 1	4 = Alu. $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	5 = Fibre $\varnothing 150 \text{ mm}$ $\varnothing 5.91''$ Total no. = 1
6 $\varnothing 140 \text{ mm}$ $\varnothing 5.51''$ Total no. = 1	7 = Fibre $\varnothing 114 \text{ mm}$ $\varnothing 4.49''$ Total no. = 1	8 = Fibre $\varnothing 142 \text{ mm}$ $\varnothing 5.59''$ Total no. = 1	9 $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	10 $\varnothing 140 \text{ mm}$ $\varnothing 5.51''$ Total no. = 1
11 $\varnothing 140 \text{ mm}$ $\varnothing 5.51''$ Total no. = 1				

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7222
ICLX, size 125

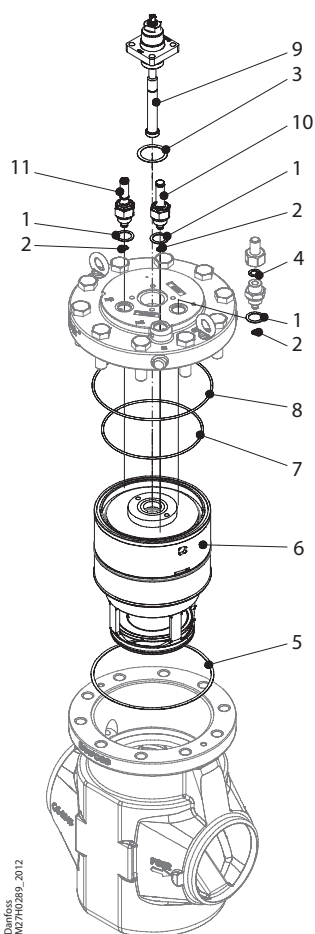


ICLX 125

1  = Fibre  Total no. = 3	2   Total no. = 3	3  = Fibre  Total no. = 1	4  = Alu.  Total no. = 1	5  = Fibre  Total no. = 1
6  Total no. = 1	7   Total no. = 1	8   Total no. = 1	9  Total no. = 1	10  Total no. = 1
11  Total no. = 1				

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027H7223
ICLX, size 150



Danfoss
M27H0289_2012

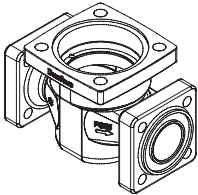
ICLX 150

1 = Fibre Total no. = 3	2 = Fibre Total no. = 3	3 = Fibre Total no. = 1	4 = Alu. Total no. = 1	5 = Fibre Total no. = 1
6 Total no. = 1	7 = Fibre Total no. = 1	8 = Fibre Total no. = 1	9 Total no. = 1	10 Total no. = 1
11 Total no. = 1				

Data sheet – Spare parts and accessories

Accessories for ICS pilot operated servo valve

ICV flanged valve housings

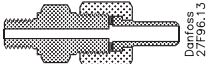
	For ICS	Description	Code number
	25	ICV 25 PM Valve housing	027H2119 *)
	32	ICV 32 PM Valve housing	027H3129 *)
	40	ICV 40 PM Valve housing	027H4128 *)
	50	ICV 50 PM Valve housing	027H5127 **)
	65	ICV 65 PM Valve housing	027H6128 **)
	25	ICV 25 (H)A4A Valve housing	027H2304 *)
	32	ICV 32 A4A Valve housing	027H3130 *)
	32	ICV 32 HA4A Valve housing	027H3131 *)
	40	ICV 40 (H)A4A Valve housing	027H4129 *)
	50	ICV 50 (H)A4A Valve housing	027H5128 **)
	65	ICV 65 (H)A4A Valve housing	027H6129 **)

*) Includes valve housing, flange gaskets and flange bolts.

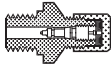
***) Includes valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately.

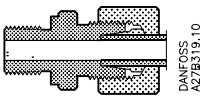
Pressure gauge connection (weld / solder).

	Description	Code number
	Ø 6.5 mm / Ø 10 mm (Ø 0.26 in. / Ø 0.39 in.) weld / solder	027B2035

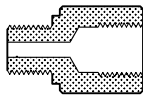
Pressure gauge connection, ¼ in. flare (self-closing) Must not be used in R 717 plant.

	Description	Code number
	¼ in. flare	027B2041

Pressure gauge connection (cutting ring).

	Description	Code number
	Cutting ring connection, 6 mm	027B2063
	Cutting ring connection, 10 mm	027B2064

Pressure gauge connection.

	Description	Code number
	¼ in. flare	027B2062

External pilot connection.

	For ICS	Description	Code number
	5–80	External pilot connection (incl. damping orifice, D: 1.0 mm)	027F1048
	100–150	External pilot connection (incl. damping orifice, D: 1.8 mm)	027F1049
	5–150	Accessory bag with seal and O-ring for pilot valve	027F0666

Blanking plug for pilot valves.

	Description	Code number
	Blanking plug	027F1046

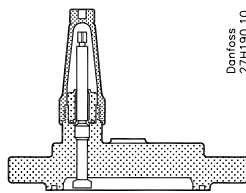
Data sheet – Spare parts and accessories

Accessories for ICS pilot operated servo valve

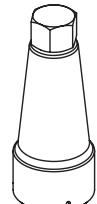
Multi-function tool

	For ICS	Description	Code number
	25–32	Multi-function tool	027H0180
	40–65	Multi-function tool	027H0181
The multi-funktion tool can be used for: • Removing the ICS function module • Operating the manual spindle			

ICS 100–150 - Top cover complete

 Danfoss 27H190.1.0	For ICS	Description	Code number
	100	Top cover complete with manuel spindle, and gasket	027H7123
	125	Top cover complete with manuel spindle, and gasket	027H7143
	150	Top cover complete with manuel spindle, and gasket	027H7163

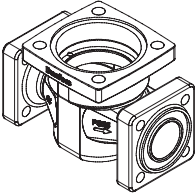
Cap including gasket

	For ICS	Description	Code number
	100–150	Red cap including gasket	148B4076

Data sheet – Spare parts and accessories

Accessories for ICM Motor operated valve and ICAD Actuator

ICV flanged valve housings

	For ICS	Description	Code number
	25	ICV 25 PM Valve housing	027H2119 *)
	32	ICV 32 PM Valve housing	027H3129 *)
	40	ICV 40 PM Valve housing	027H4128 *)
	50	ICV 50 PM Valve housing	027H5127 **)
	65	ICV 65 PM Valve housing	027H6128 **)
	25	ICV 25 (H)A4A Valve housing	027H2304 *)
	32	ICV 32 A4A Valve housing	027H3130 *)
	32	ICV 32 HA4A Valve housing	027H3131 *)
	40	ICV 40 (H)A4A Valve housing	027H4129 *)
	50	ICV 50 (H)A4A Valve housing	027H5128 **)
	65	ICV 65 (H)A4A Valve housing	027H6129 **)

*) Includes valve housing, flange gaskets and flange bolts.

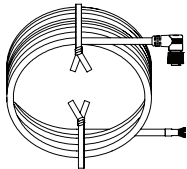
**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately.

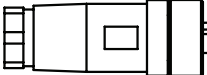
ICAD-UPS

	Description	Code number
	ICAD-UPS	027H0388

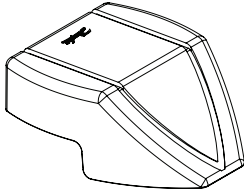
Cable for ICAD 600A/1200A

	Description	Code number
	Cable set 1.5 m, female	027H0426
	Cable set 3 m, female	027H0438
	Cable set 10 m, female	027H0427
	Cable set 15 m, female	027H0435

Connectors for ICAD 600A/1200A

	Description	Code number
	Two Female Connectors with screw terminals: - connector for power - connector for control signals	027H0430

Protection cap ICAD 600A/1200A

	Description	Code number
	Protection cap	027H0431

Data sheet – Spare parts and accessories

Accessories for ICM Motor operated valve and ICAD Actuator

Multi-function tool

	For	Description	Code number
	ICM 20-32	Multi-function tool	027H0180
	ICM 40-65 ICMTS	Multi-function tool	027H0181
The multi-funktion tool can be used for: • Removing the ICS function module • Operating the manual spindle			

ICS 100-150 - Top cover complete

	For ICM	Description	Code number
	100	Top cover complete with magnet coupling and gasket	027H7133
	125	Top cover complete with magnet coupling and gasket	027H7153
	150	Top cover complete with magnet coupling and gasket	027H7173

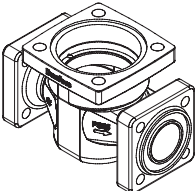
Installation kit for ICAD

	For	Description	Code number
	ICM 20-32	External O-rings (1 + 2) and hexagon bolts (Molykote® 55 grease included)	027H0356
	ICM 40-150 ICMTS	External O-rings (1 + 2) and hexagon bolts (Molykote® 55 grease included)	027H0357

Data sheet – Spare parts and accessories

Accessories for ICLX 2-step solenoid valve

ICV flanged valve housings

	For ICS	Description	Code number
	32	ICV 32 PM Valve housing	027H3129 *)
	40	ICV 40 PM Valve housing	027H4128 *)
	50	ICV 50 PM Valve housing	027H5127 **)
	65	ICV 65 PM Valve housing	027H6128 **)
	32	ICV 32 A4A Valve housing	027H3130 *)
	32	ICV 32 HA4A Valve housing	027H3131 *)
	40	ICV 40 (H)A4A Valve housing	027H4129 *)
	50	ICV 50 (H)A4A Valve housing	027H5128 **)
	65	ICV 65 (H)A4A Valve housing	027H6129 **)

*) Includes valve housing, flange gaskets and flange bolts.

**) Includes valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately.

External pilot connection.

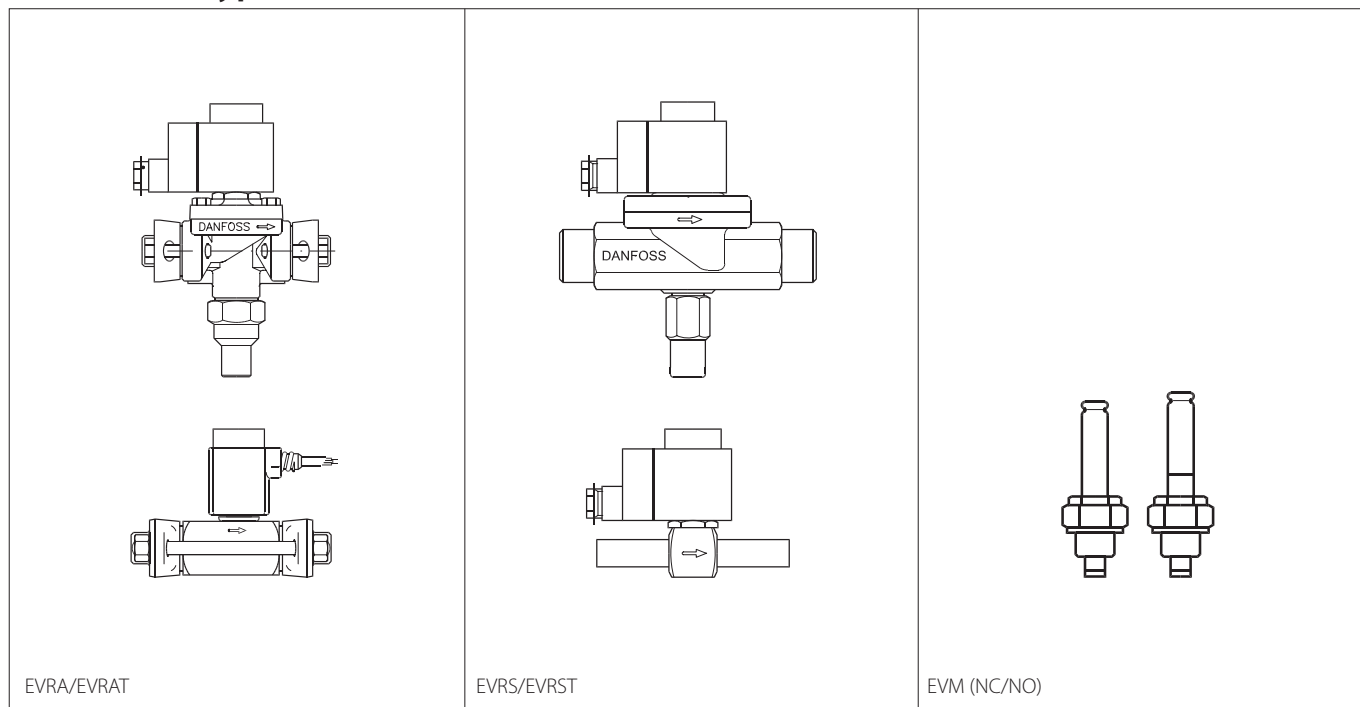
 DANFOSS A27B93.15	For ICLX	Description	Code number
	32–80	External pilot connection (incl. damping orifice, D: 1.0 mm)	027F1048
	32–80	External pilot connection (1/4" FPT) (incl. damping orifice, D: 1.0 mm)	027B2065
	100–150	External pilot connection (incl. damping orifice, D: 1.8 mm)	027F1049
	100–150	External pilot connection (1/4" FPT) (incl. damping orifice, D: 1.8 mm)	027B2066
	5–150	Accessory bag with seal and O-ring for pilot valve	027F0666
	32–80	Damping orifice for EVM. 10 pcs, (D: 1.0 mm)	027F0664
	100–150	Damping orifice for EVM. 10 pcs, (D: 1.8 mm)	027F0176

Cap including gasket

	For ICLX	Description	Code number
	32–40	Metallic cap including gasket	148B4576
	50–100	Red cap including gasket	148B4075
	125–150	Red cap including gasket	148B4076

Data sheet – Spare parts and accessories

Solenoid valves, types EVRA, EVRAT, EVRS and EVRST Pilot valves, types EVM (NC) and EVM (NO)



Valve type	Size	See details on page #	Code no.
Inspection kits			
EVRA	25	132	032F2326
EVRA	32/40	133	032F2327*
Repair kits			
EVRA / EVRS	3	134	032F2329
EVRA / EVRS	10	135	032F2330
EVRA / EVRS	15	136	032F2331
EVRA / EVRS	20	137	032F2332
EVRA / EVRS	25	138	032F2333
EVRA / EVRS	32	139	032F2334
EVRA / EVRS	40	140	032F2335
EVRAT / EVRST	10	141	032F2343
EVRAT / EVRST	15	142	032F2344
EVRAT / EVRST	20	143	032F2345
EVM NC		144	032F2324
EVM NO		145	032F2325

Overhaul kits (Previous valve design)			
EVRA	10	146	032F2202
EVRA	15	147	032F2209
EVRA	20	148	032F2210
EVRA	25	149	032F2218
EVRAT	10	150	032F2321
EVRAT	15	151	032F2322
EVRAT	20	152	032F2323

* Also applicable for AKVA 20

Inspection kits:

Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

Repair kits:

Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size, armature, diaphragm, piston and piston ring.
For detailed content, see specific pages mentioned above.

Overhaul kits:

Contain all gaskets, O-rings and aluminium rings belonging to 1 valve size and parts that could be damaged or worn out.
For detailed content, see specific pages mentioned above.

Replacement valves:

Contain flange gaskets and bolts.

For ordering flanges; please download the data sheet AI249786497379 from www.danfoss.com.

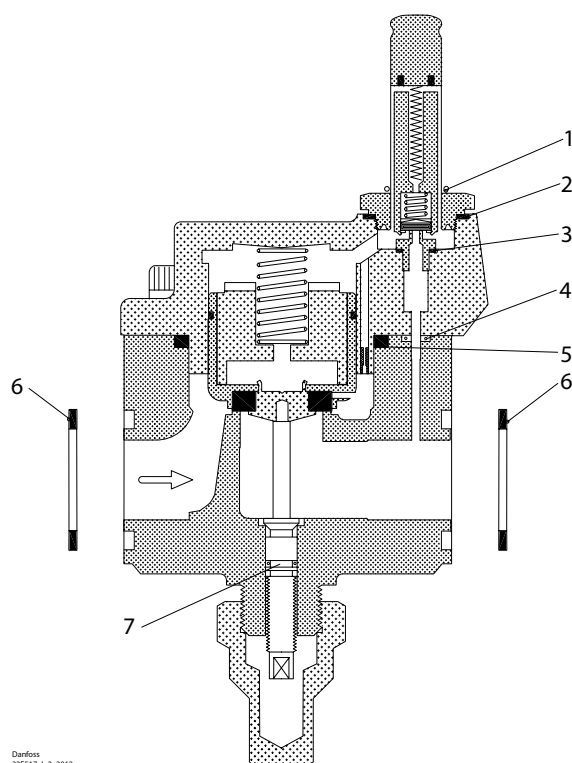
For ordering coils; please download the data sheet AI237186440089 from www.danfoss.com.

Valve type	Size	See details on page #	Code no.
Overhaul kits (Current valve design)			
EVRA / EVRS	3	153	032F2336
EVRA / EVRS	10	154	032F2337
EVRA / EVRS	15	155	032F2338
EVRA / EVRS	20	156	032F2339
EVRA / EVRS	25	157	032F2340
EVRA / EVRS	32	158	032F2341
EVRA / EVRS	40	159	032F2342
EVRAT / EVRST	10	160	032F2346
EVRAT / EVRST	15	161	032F2347
EVRAT / EVRST	20	162	032F2348
EVRA(T) replacement valves (excl. coils and flanges)			
EVRA 15	SPARE PART VALVE, AC / DC		032F6516
EVRA 20	SPARE PART VALVE, AC / DC		032F6519

Data sheet – Spare parts and accessories

Inspection kit | Code number 032F2326

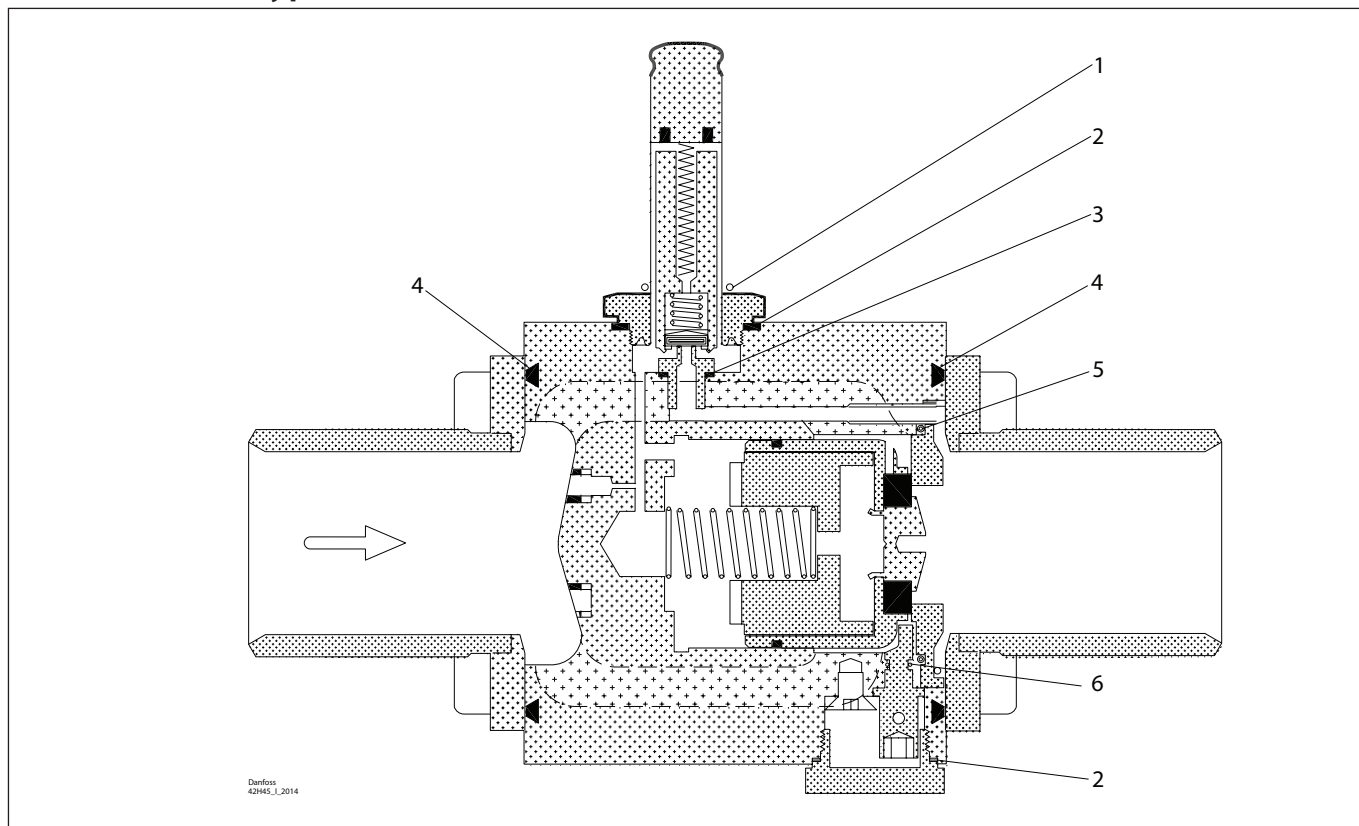
Solenoid valve, type EVRA, size 25



1  Ø14 mm Ø0.56" Total no. = 1	2  = Alu. Ø27 mm Ø1.04" Total no. = 1	3  = Alu. Ø10 mm Ø0.40" Total no. = 1	4  Ø6.07 mm Ø0.25" Total no. = 1	5  = Rubber Ø66 mm Ø2.60" Total no. = 1	6  = Fibre Ø39 mm Ø1.53" Total no. = 2
7  Ø5.28 mm Ø0.21" Total no. = 1					

Data sheet – Spare parts and accessories

Inspection kit | Code number 032F2327
Solenoid valve, type EVRA, size 32/40



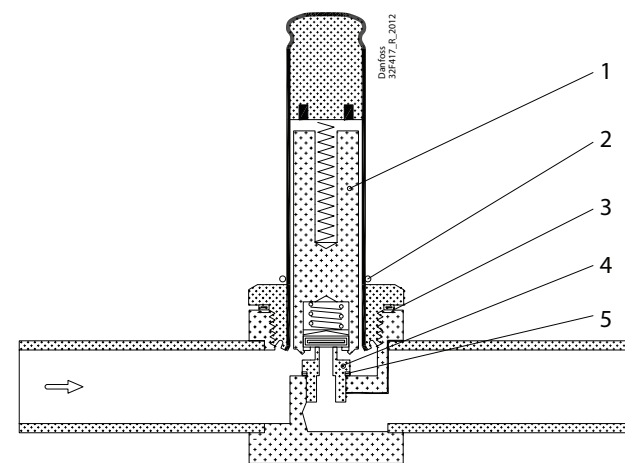
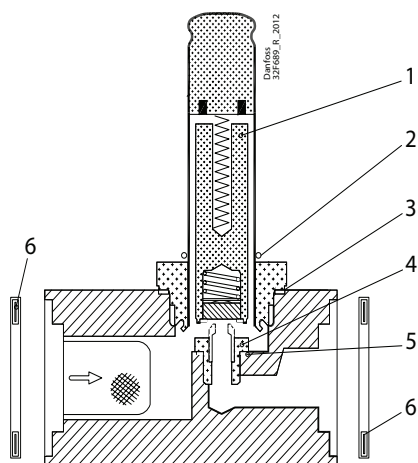
1 Total no. = 1	2 = Alu. Total no. = 2	3 = Alu. Total no. = 1	4 Total no. = 2	5 Total no. = 1
6 Total no. = 1				

032F2327 can also be used for electric expansion valve, type AKVA 20

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2329

Solenoid valves, types EVRA and EVRS, size 3



EVRA

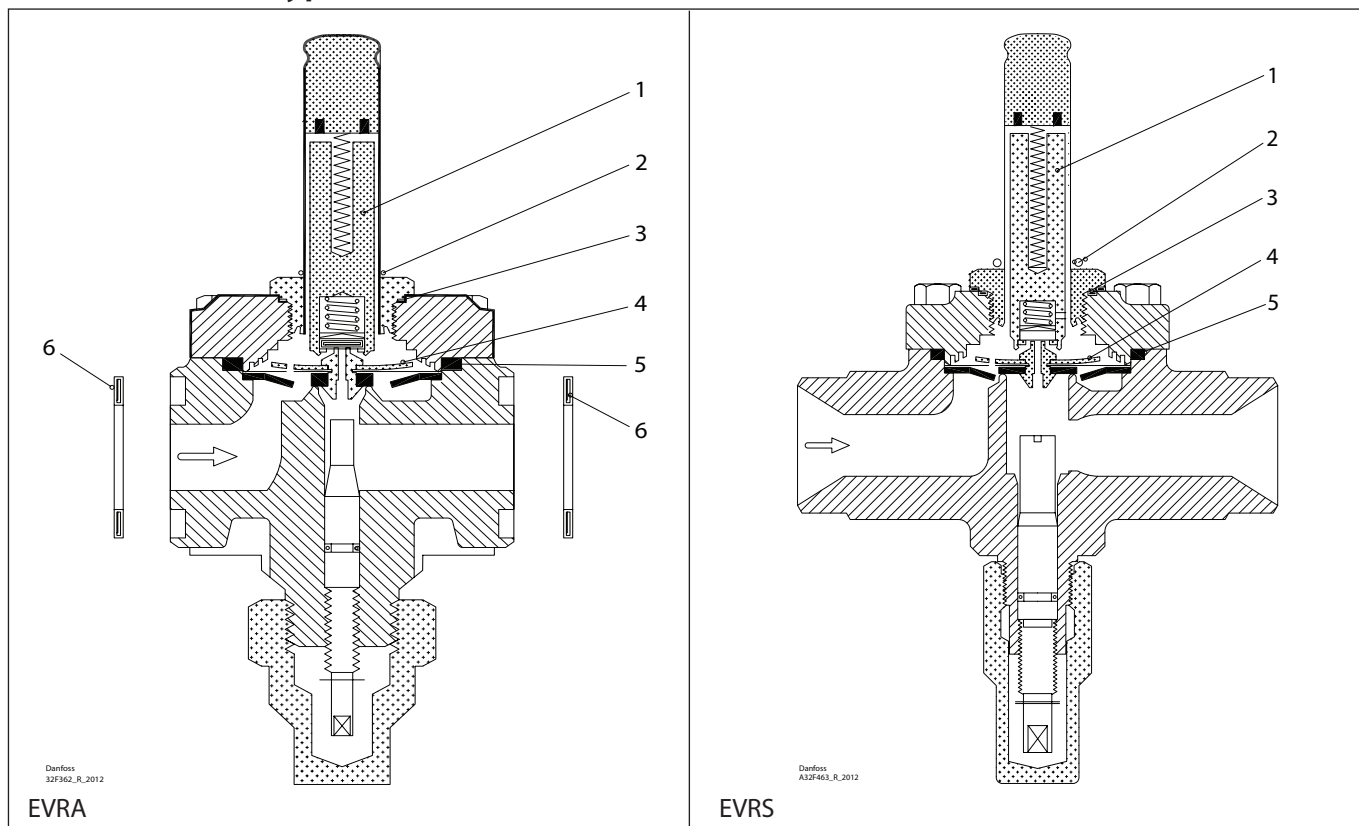
EVRS

1 For AC / DC Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 1	6 Total no. = 2
--	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2330

Solenoid valves, types EVRA and EVRS, size 10

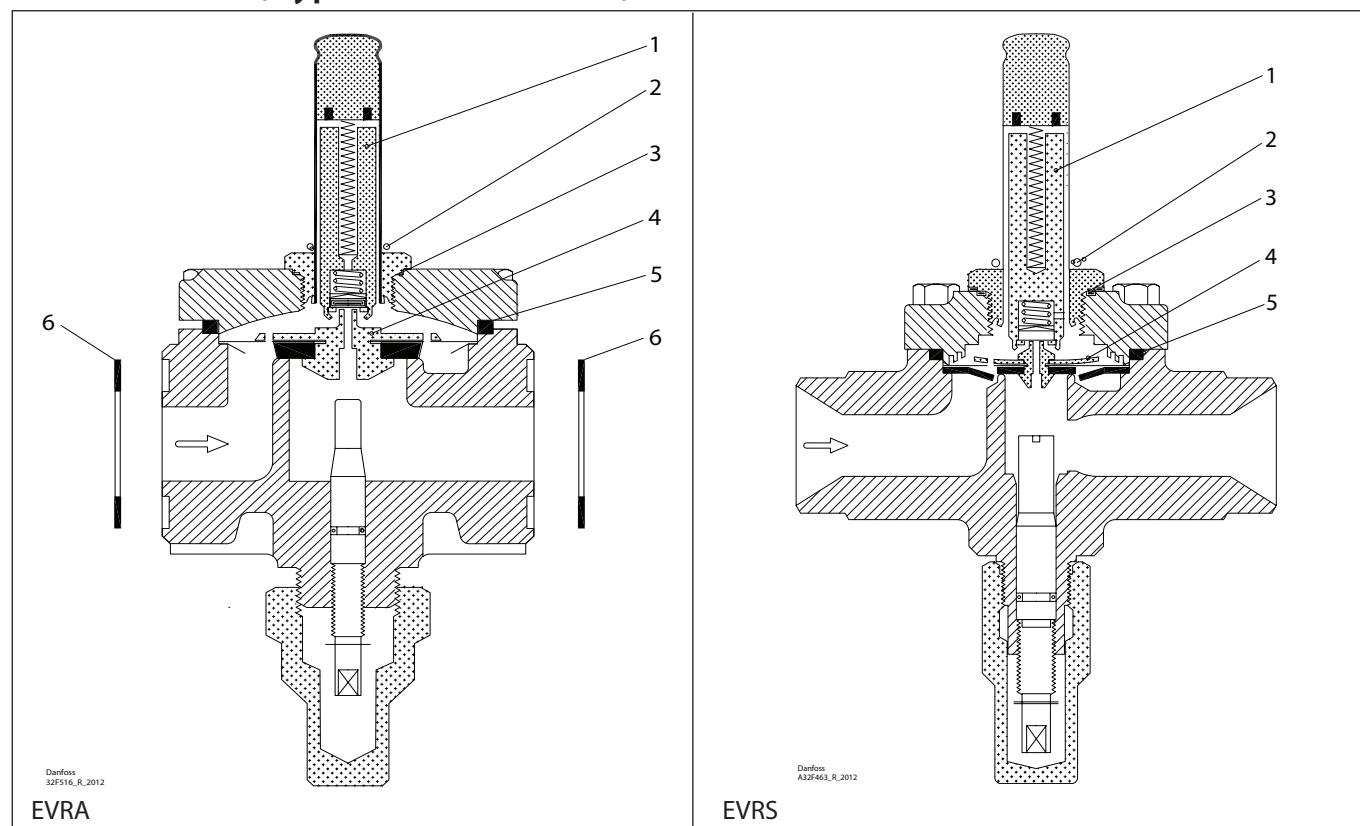


1 For AC / DC Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 1	6 Total no. = 2
--	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2331

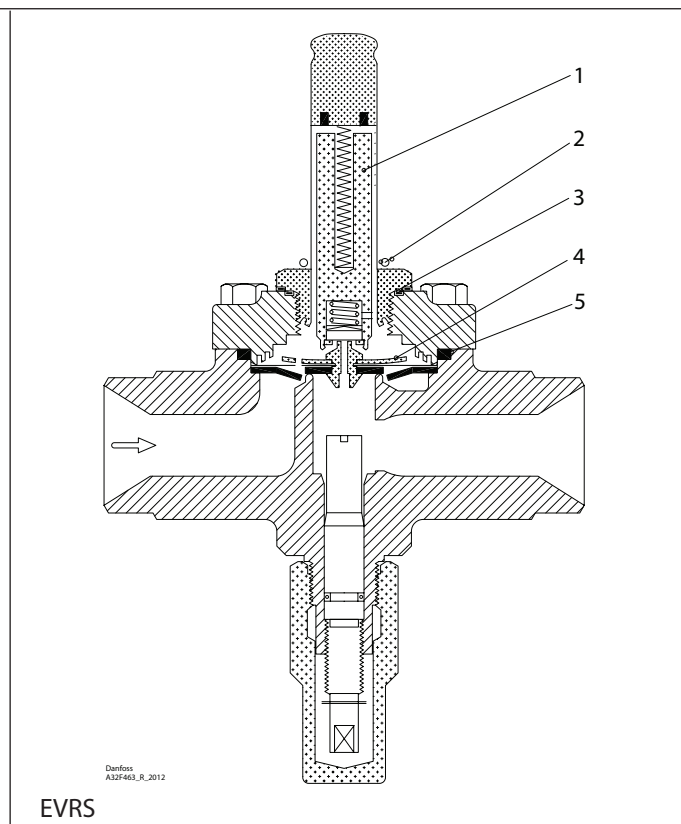
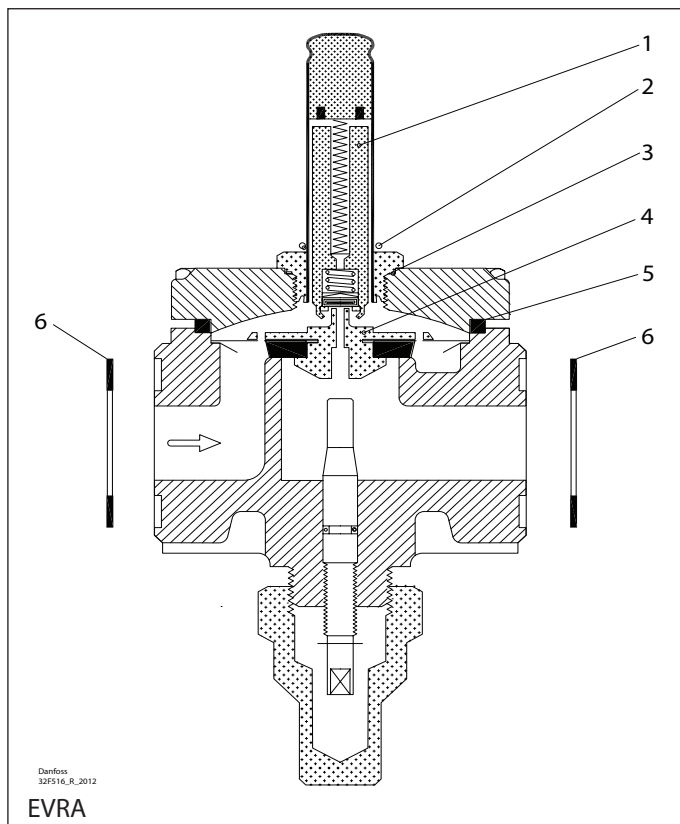
Solenoid valves, types EVRA and EVRS, size 15



1 For AC / DC Total no. = 1	2 Total no. = 1	3 = Alu. Total no. = 1	4 Total no. = 1	5 = Rubber Total no. = 1	6 = Fibre Total no. = 2
--	--------------------------------------	---	--------------------------------------	---	--

Data sheet – Spare parts and accessories

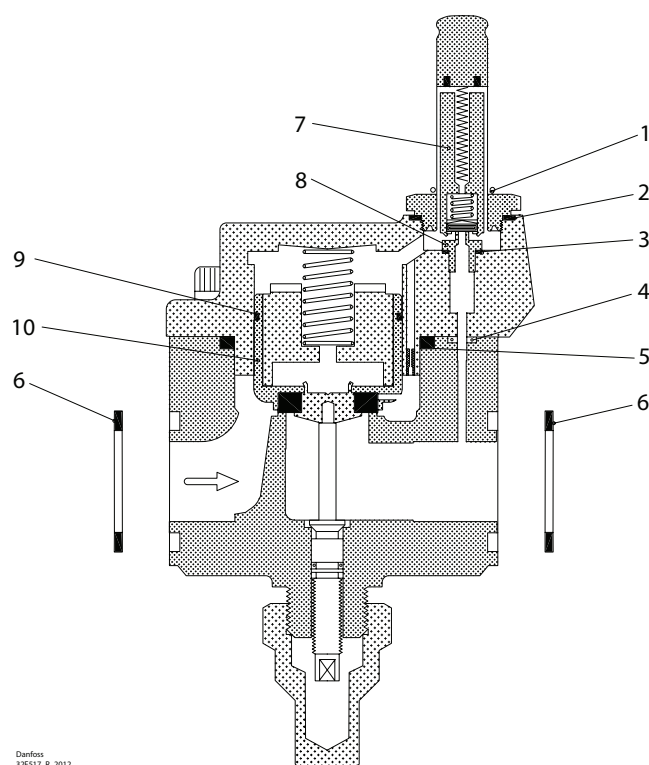
Repair kit | Code number 032F2332
EVRA and EVRS, size 20



1 For AC / DC Total no. = 1	2 Ø14 mm Ø0.56" Total no. = 1	3 = Alu. Ø27 mm Ø1.04" Total no. = 1	4 Ø38 mm Ø1.5" Total no. = 1	5 = Rubber Ø64 mm Ø2.52" Total no. = 1	6 = Fibre Ø39 mm Ø1.54" Total no. = 2
--	---	--	--	--	---

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2333
Solenoid valve, type EVRA, size 25

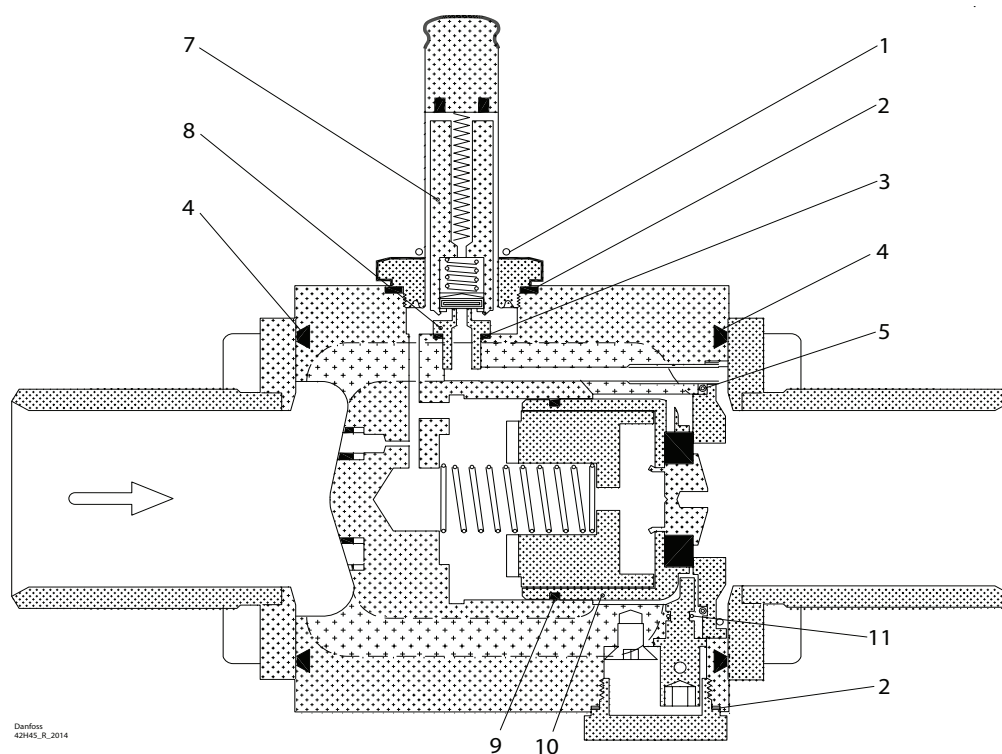


Danfoss
32F517_R_2012

1 Total no. = 1	2 = Alu. Total no. = 1	3 = Alu. Total no. = 1	4 Total no. = 1	5 = Rubber Total no. = 1
6 = Fibre Total no. = 2	7 Total no. = 1	8 Total no. = 1	9 = Steel Total no. = 1	10 Total no. = 1

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2334
Solenoid valve, type EVRA, size 32



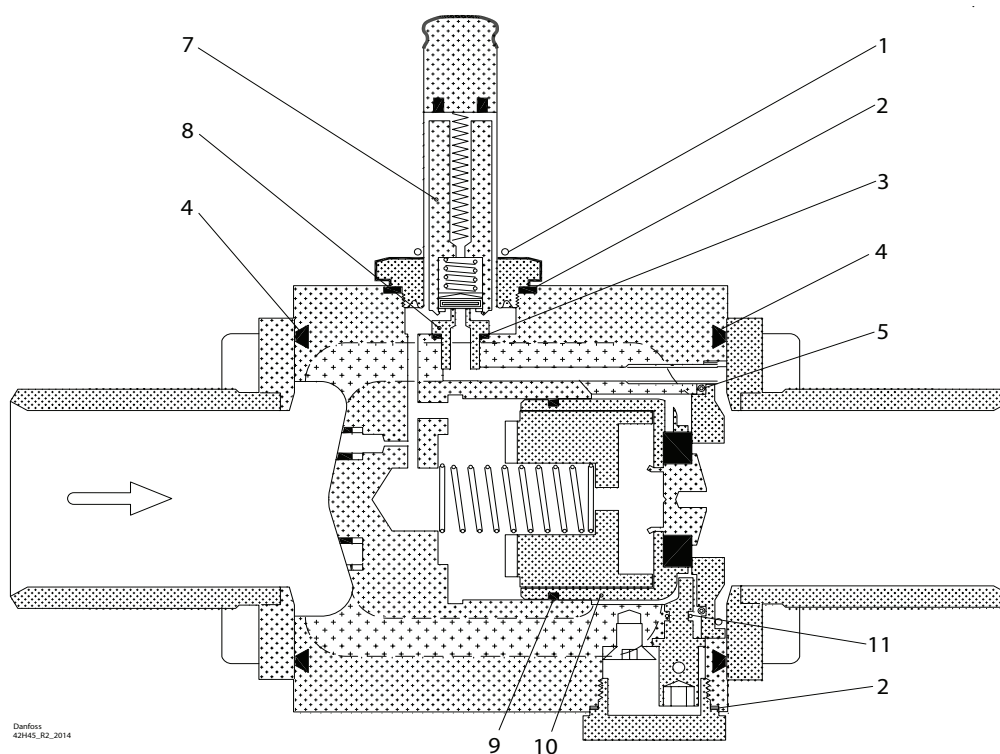
Danfoss
42H45_R_2014

1 Total no. = 1	2 = Alu. Total no. = 2	3 = Alu. Total no. = 1	4 Total no. = 2	5 Total no. = 1
7 Total no. = 1	8 Total no. = 1	9 = Steel Total no. = 1	10 Total no. = 1	11 Total no. = 1

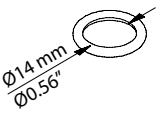
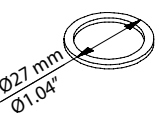
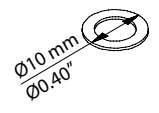
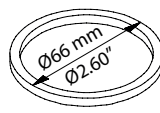
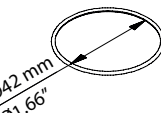
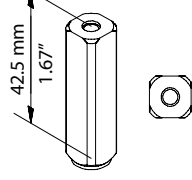
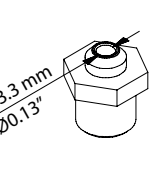
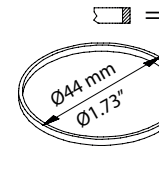
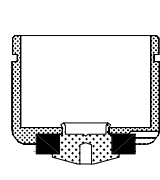
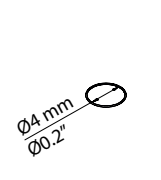
Data sheet – Spare parts and accessories

Repair kit | Code number 032F2335

Solenoid valve, type EVRA, size 40



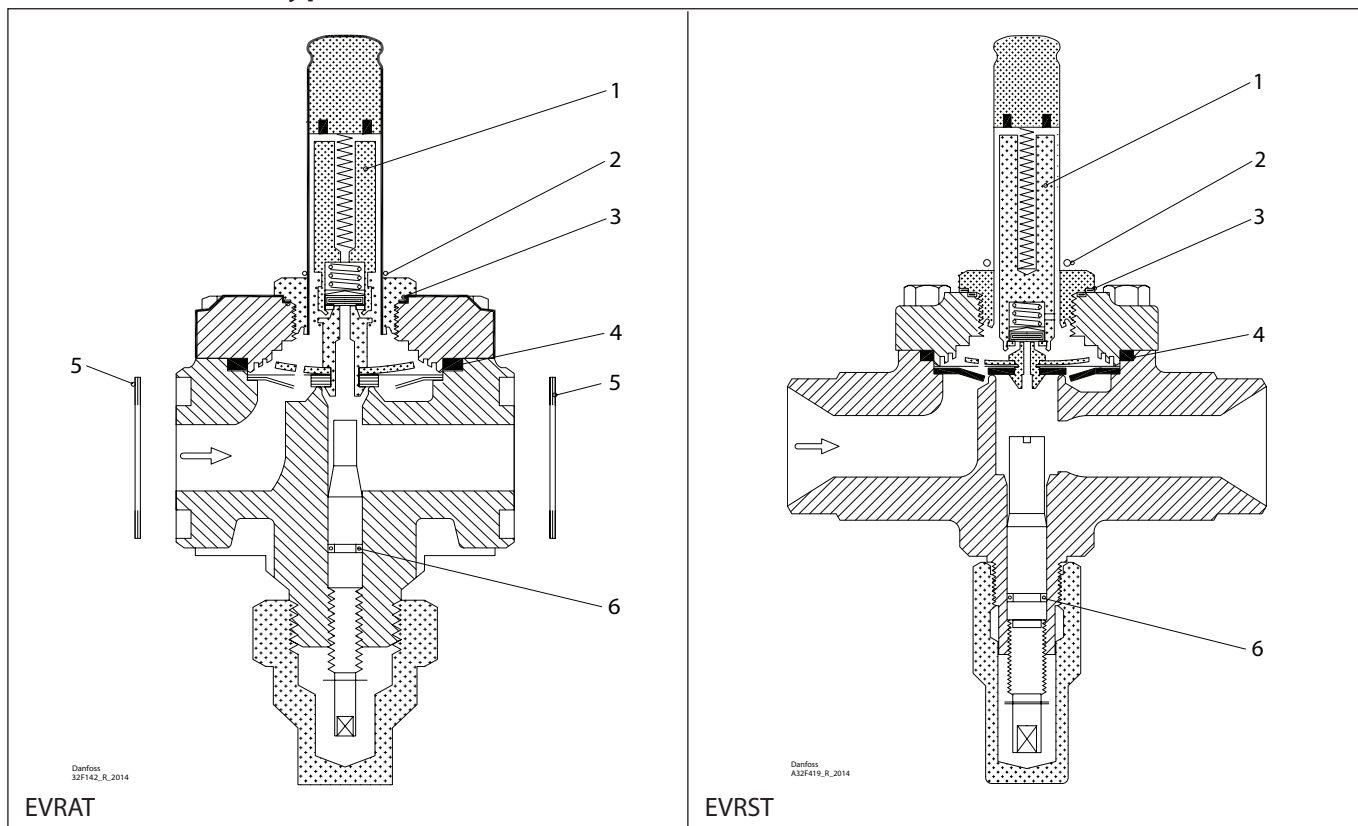
Danfoss
42H45_R2_2014

1  Total no. = 1	2 Alu.  Total no. = 2	3 Alu.  Total no. = 1	4  Total no. = 2	5  Total no. = 1
7  Total no. = 1	8  Total no. = 1	9 Steel  Total no. = 1	10  Total no. = 1	11  Total no. = 1

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2343

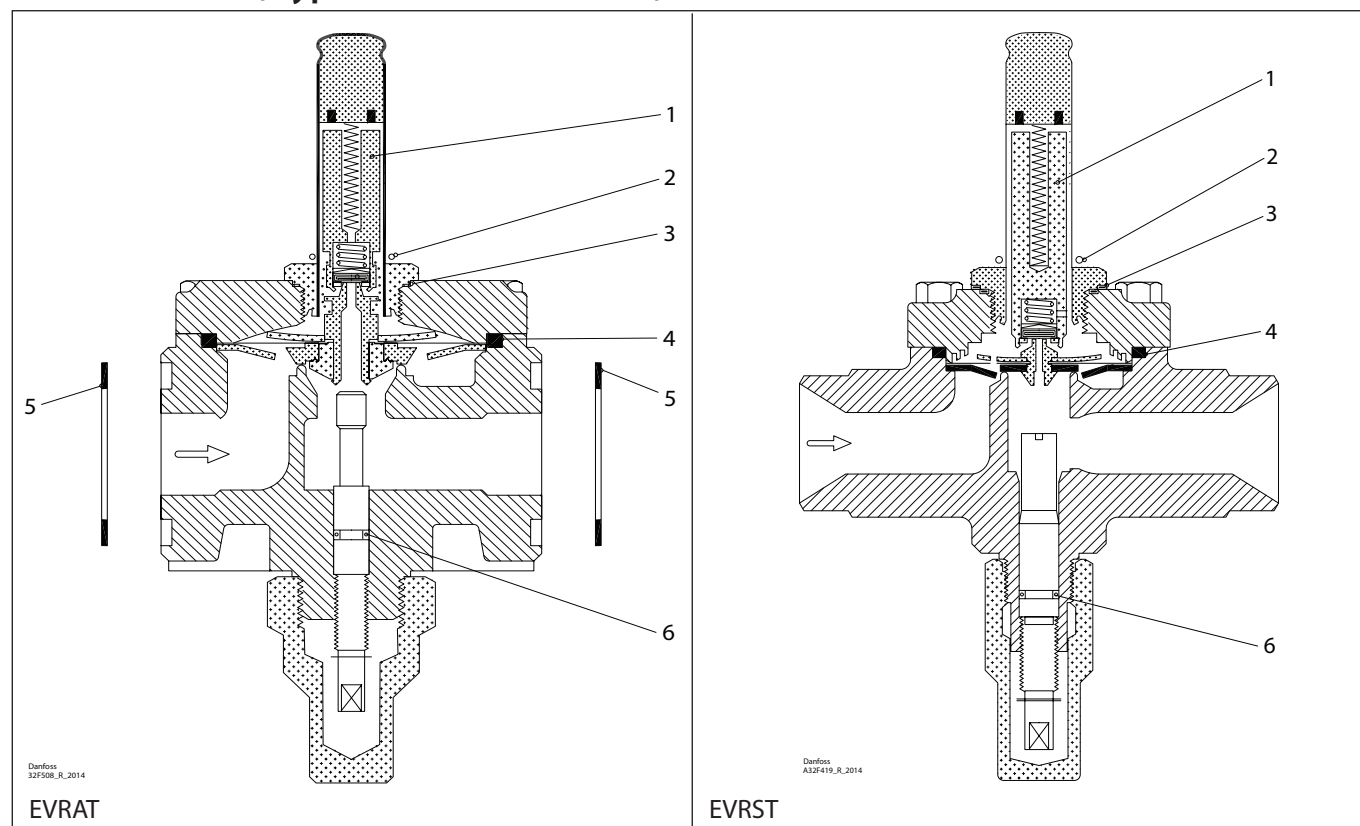
Solenoid valves, types EVRAT and EVRST, size 10

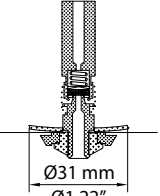
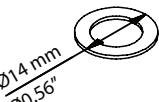
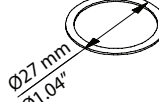
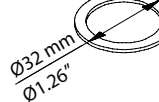
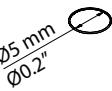


1 Ø31 mm Ø1.22" Total no. = 1	2 Ø14 mm Ø0.56" Total no. = 1	3 Ø27 mm Ø1.04" Total no. = 1	4 Ø49 mm Ø1.92" Total no. = 1	5 Ø32 mm Ø1.26" Total no. = 2
6 Ø5 mm Ø0.2" Total no. = 1				

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2344
Solenoid valves, types EVRAT and EVRST, size 15

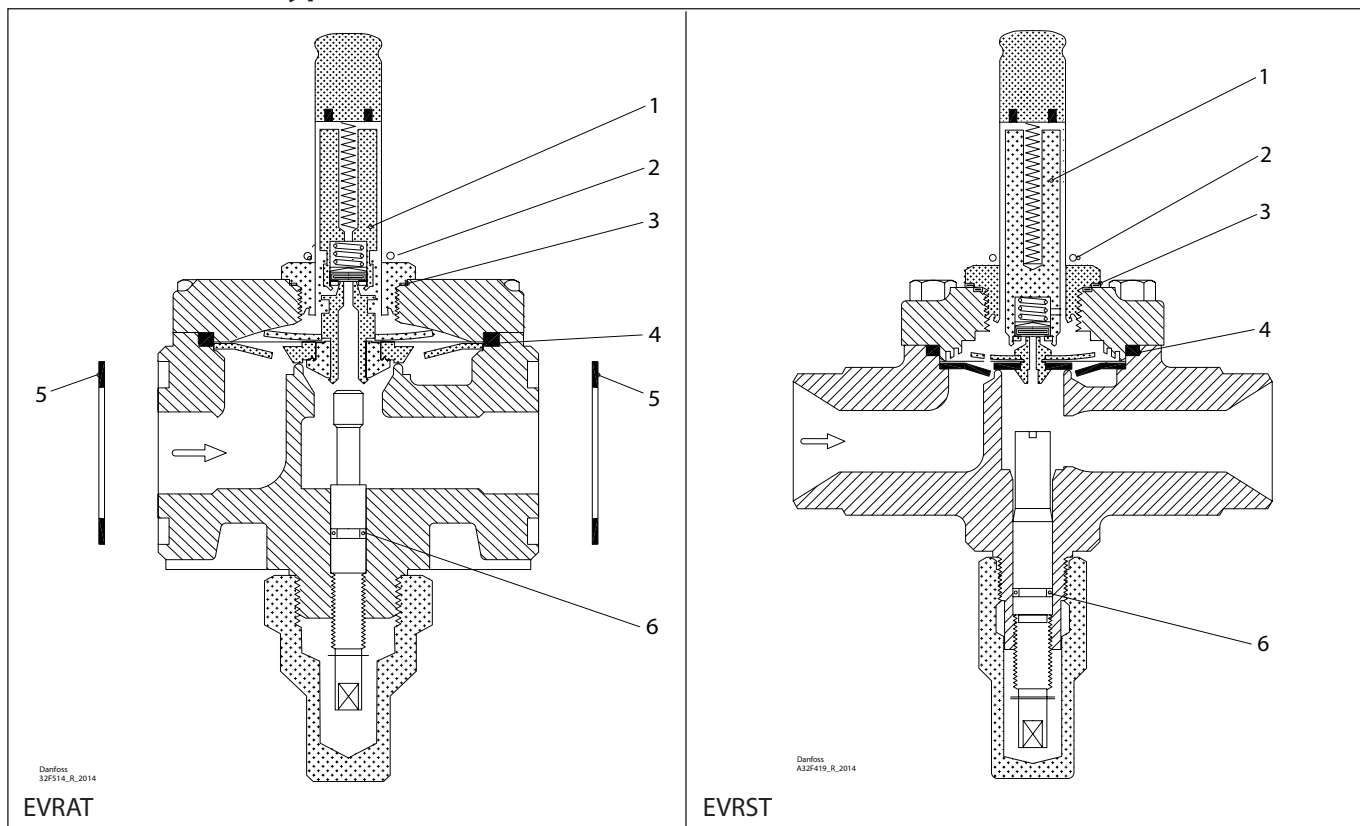


1  Ø31 mm Ø1.22" Total no. = 1	2  Ø14 mm Ø0.56" Total no. = 1	3  Ø27 mm Ø1.04" Total no. = 1	4  Ø49 mm Ø1.92" Total no. = 1	5  Ø32 mm Ø1.26" Total no. = 2
6  Ø5 mm Ø0.2" Total no. = 1				

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2345

Solenoid valves, types EVRAT and EVRST, size 20

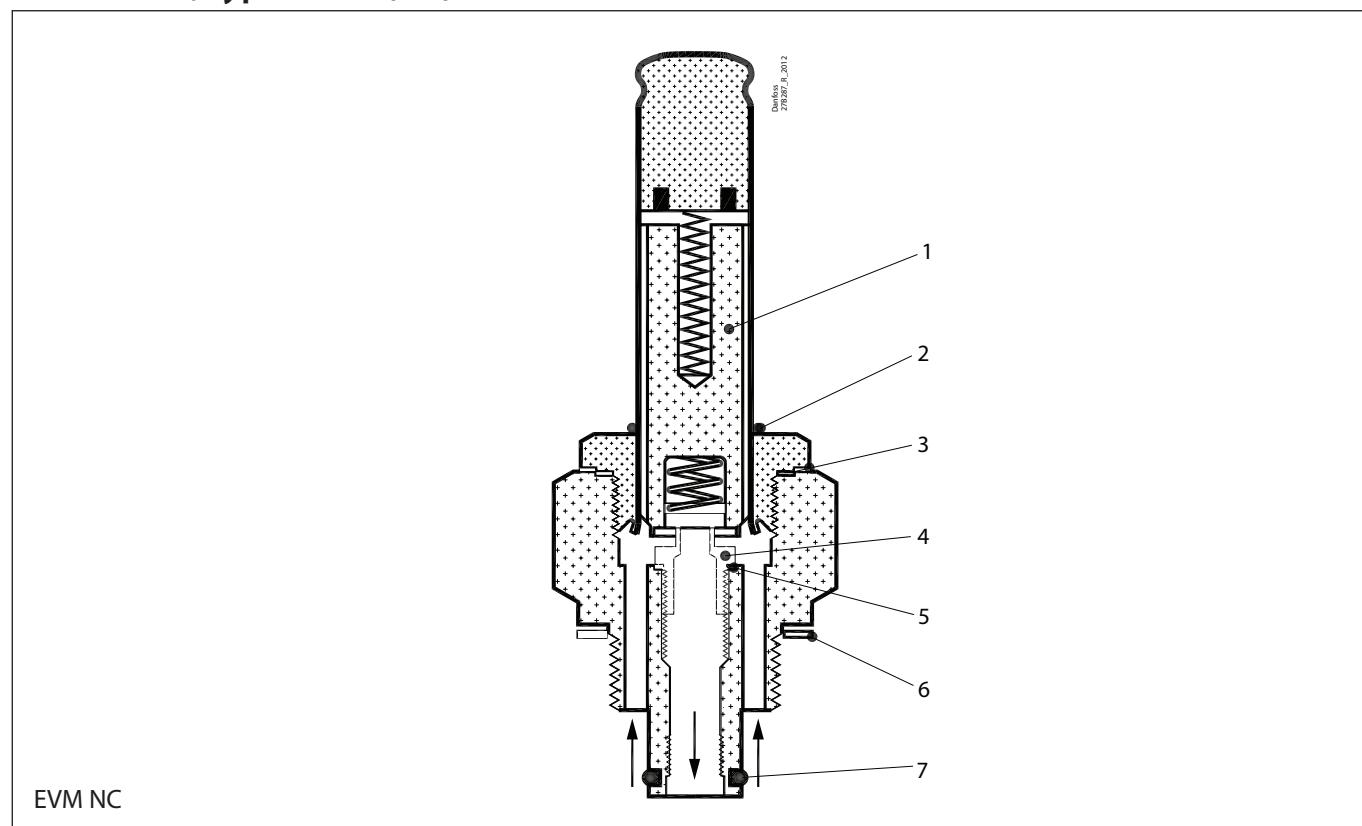


1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 2
6 Total no. = 1	Legend: = Alu. = Rubber = Fibre			

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2324

Pilot valves, types EVM (NC)

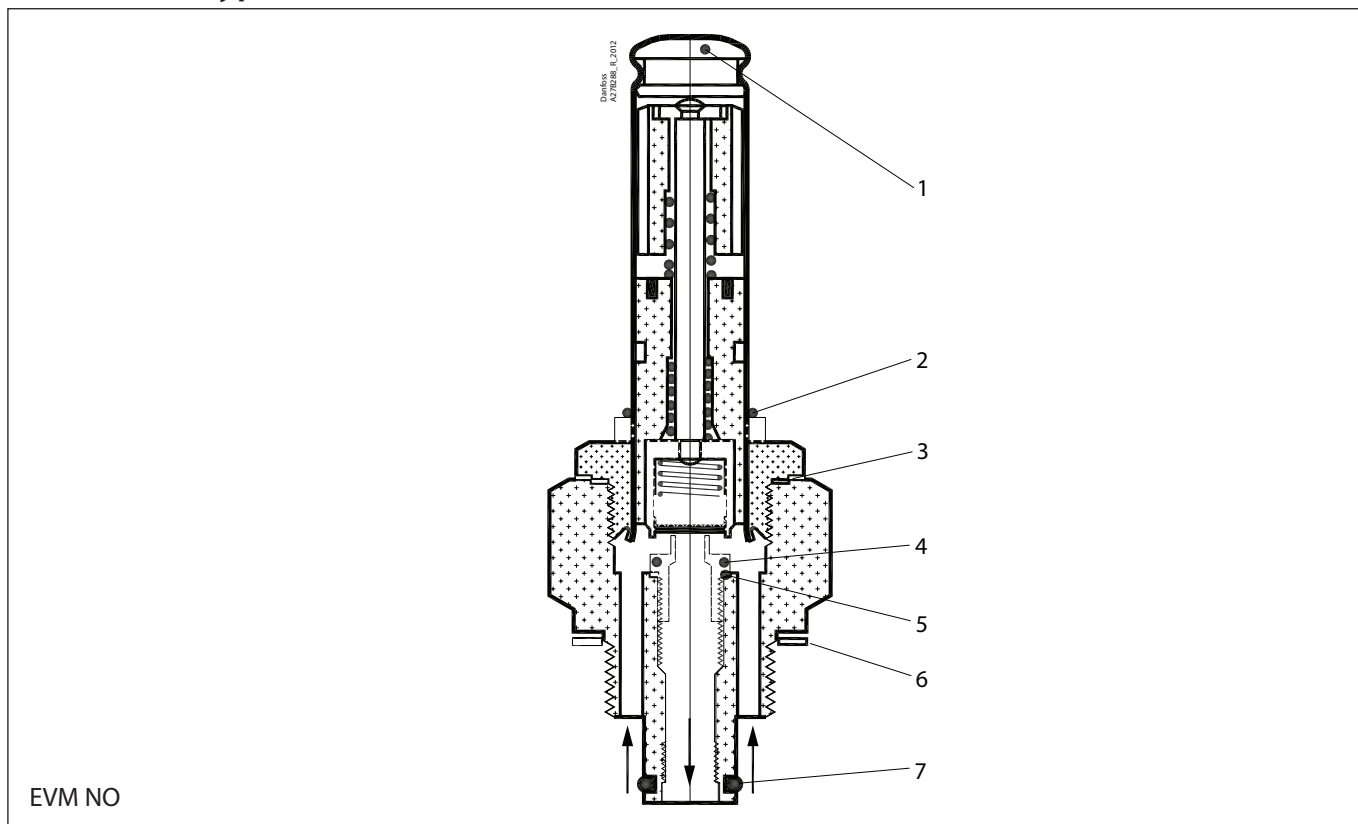


1 Total no. = 1	2 Total no. = 1	3 — = Alu. Total no. = 1	4 Total no. = 1	5 — = Alu. Total no. = 1	6 — = Fibre Total no. = 1
7 Total no. = 1					

Data sheet – Spare parts and accessories

Repair kit | Code number 032F2325

Pilot valves, types EVM (NO)

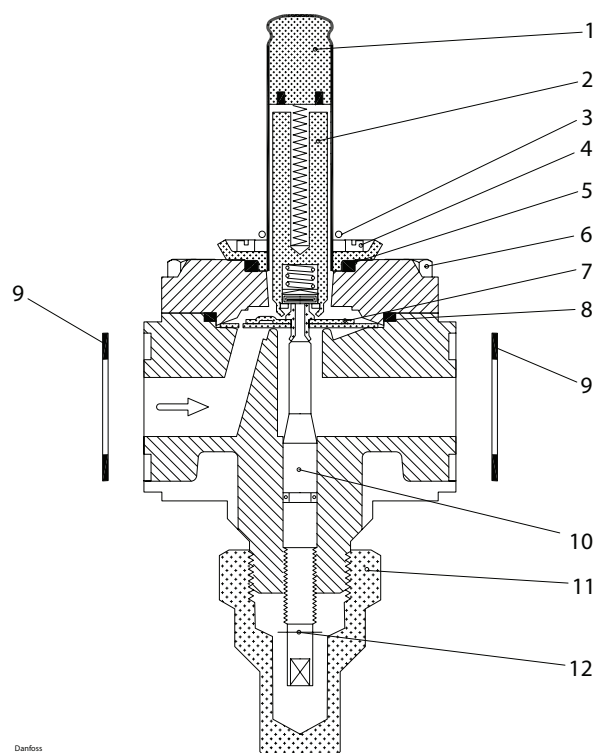


1 Total no. = 1	2 Total no. = 1	3 = Alu. Total no. = 1	4 Total no. = 1	5 = Alu. Total no. = 1	6 = Fibre Total no. = 2
7 Total no. = 1					

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2202

Solenoid valve, type EVRA, size 10 (previous design)



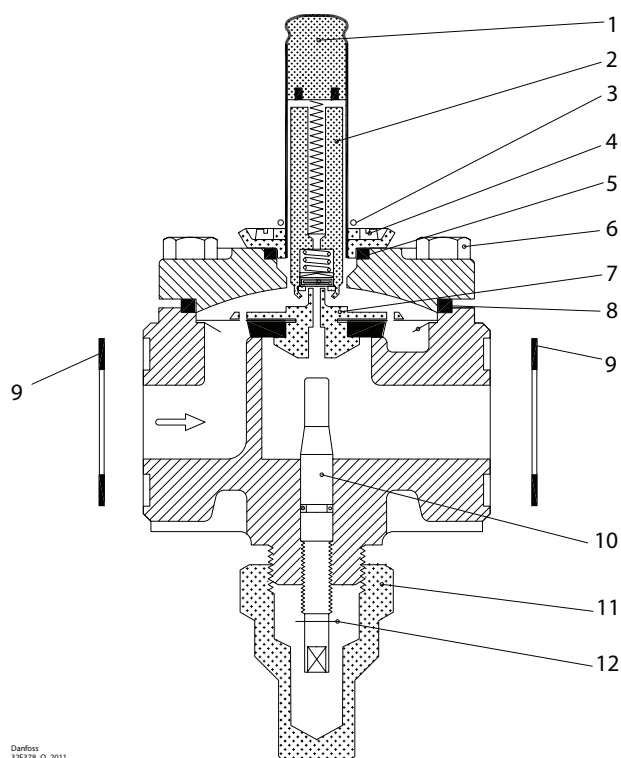
Danfoss
32F361_O_2011

1 Total no. = 1	2 For AC/DC Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2209

Solenoid valve, type EVRA, size 15 (previous design)



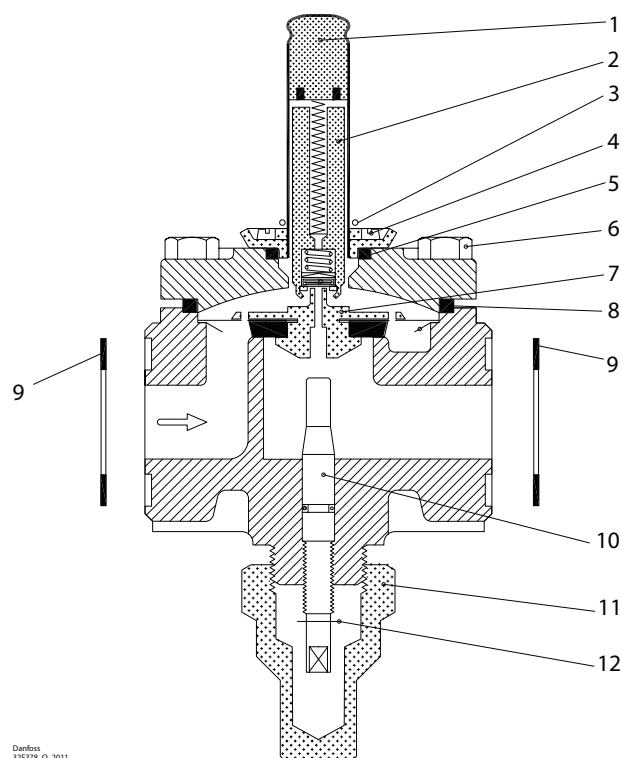
Danfoss
32F378_O_2011

1 Total no. = 1	2 For AC/DC Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2210

Solenoid valve, type EVRA, size 20 (previous design)



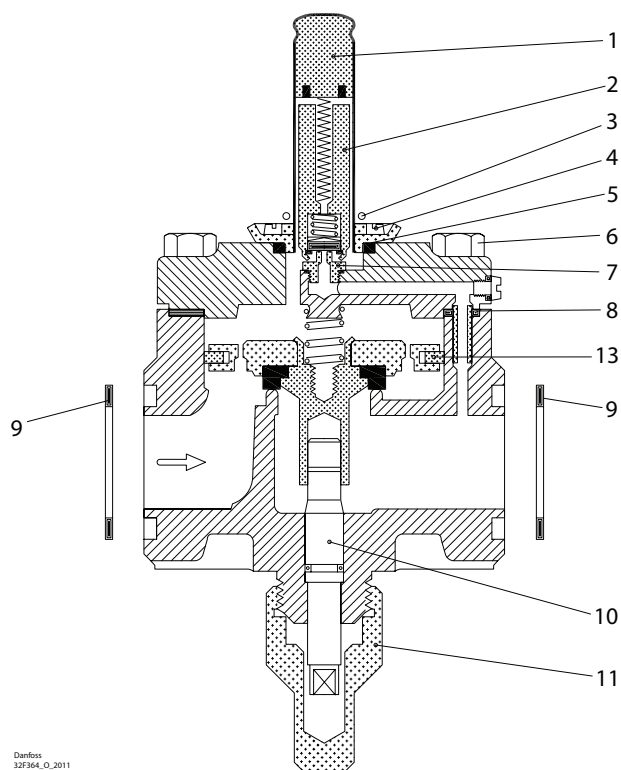
Danfoss
32F378_O_2011

1 Total no. = 1	2 For AC/DC Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2218

Solenoid valve, type EVRA, size 25 (previous design)



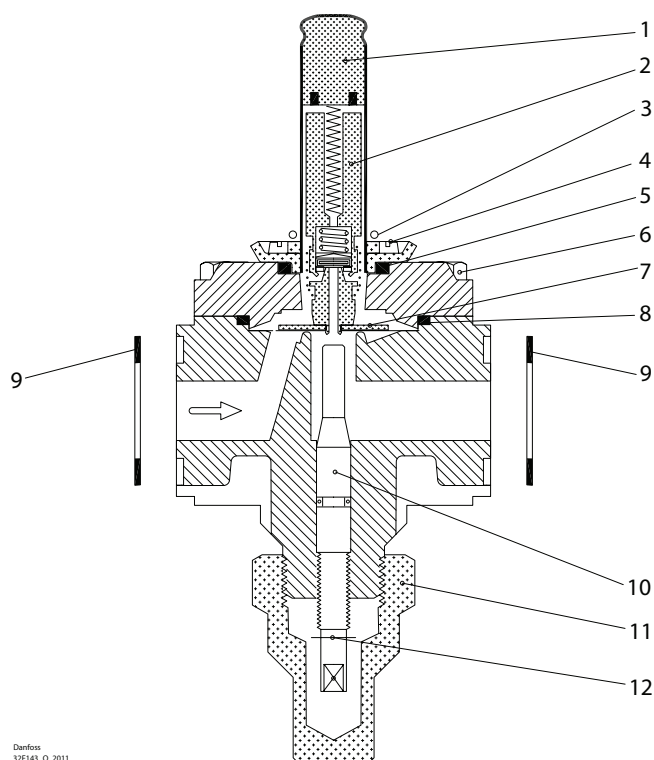
Danfoss
32F364_O_2011

1 Total no. = 1	2 For AC/DC Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	13 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2321

Solenoid valve, type EVRAT, size 10 (previous design)



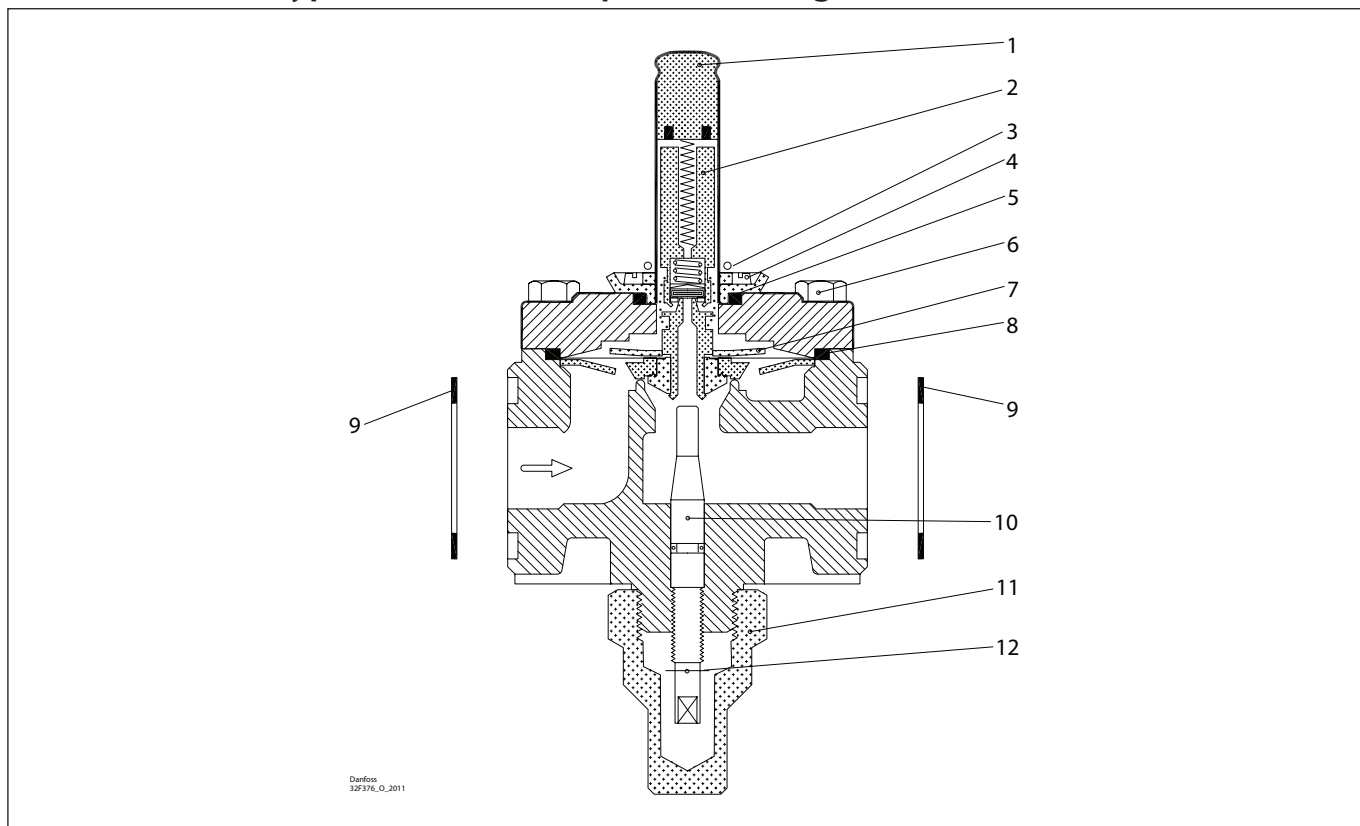
Danfoss
32F143_O_2011

1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2322

Solenoid valve, type EVRAT, size 15 (previous design)

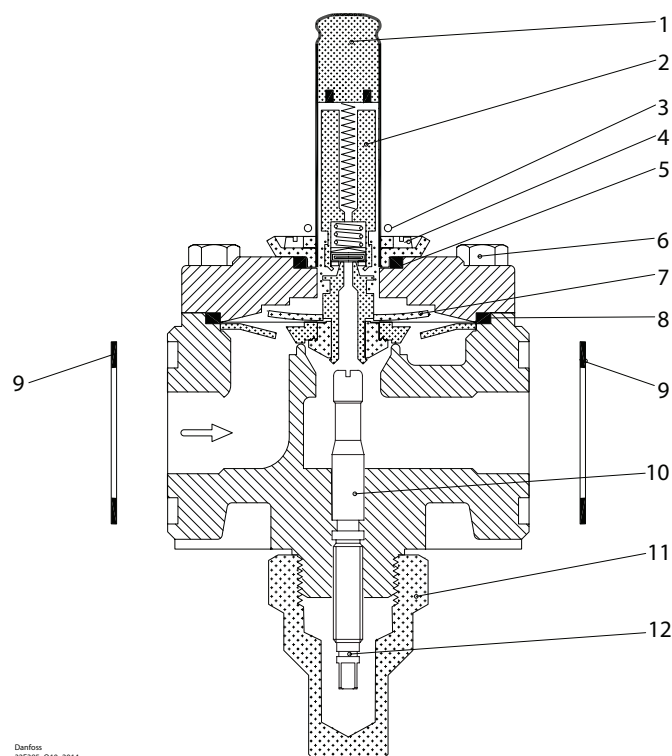


1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2323

Solenoid valve, type EVRAT, size 20 (previous design)

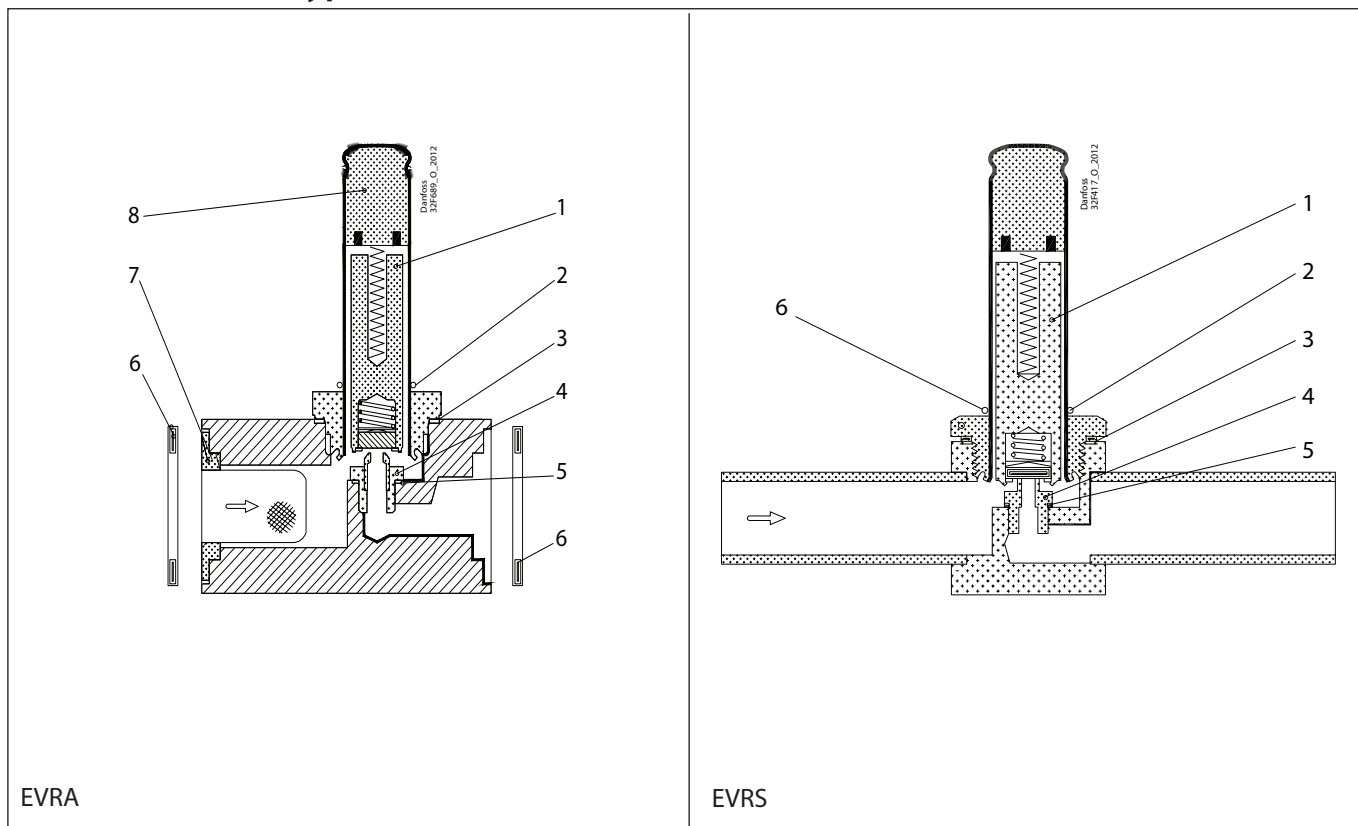


Danfoss
32F385_010_2014

1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 4	5 Total no. = 1	6 Total no. = 4
7 Total no. = 1	8 Total no. = 1	9 Total no. = 2	10 Total no. = 1	11 Total no. = 1	12 Total no. = 1

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2336
Solenoid valves, types EVRA and EVRS, size 3

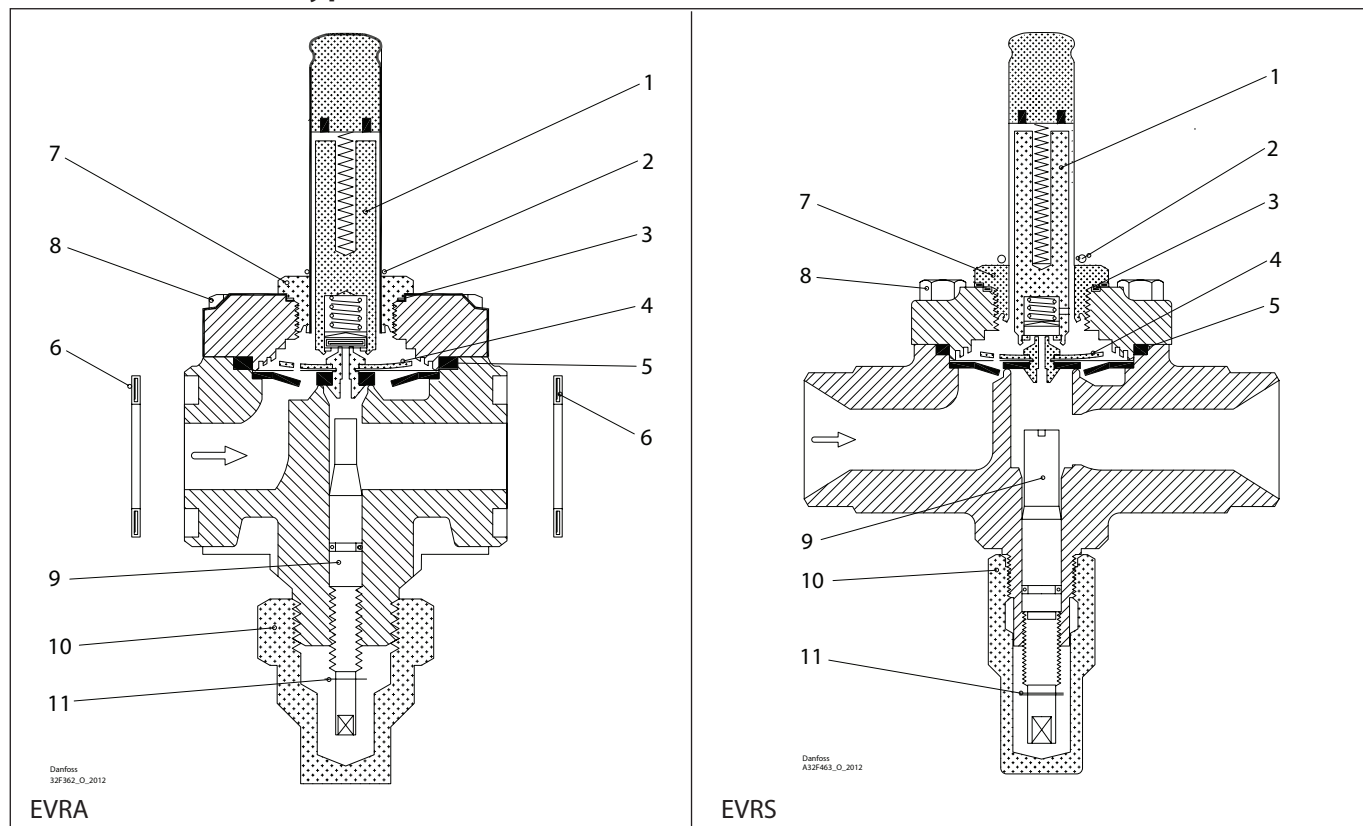


1 For AC / DC Total no. = 1	2 Total no. = 1	3 — = Alu. Total no. = 1	4 Total no. = 1	5 — = Alu. Total no. = 1	6 — = Fibre Total no. = 2
7 Total no. = 1	8 Total no. = 1				

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2337

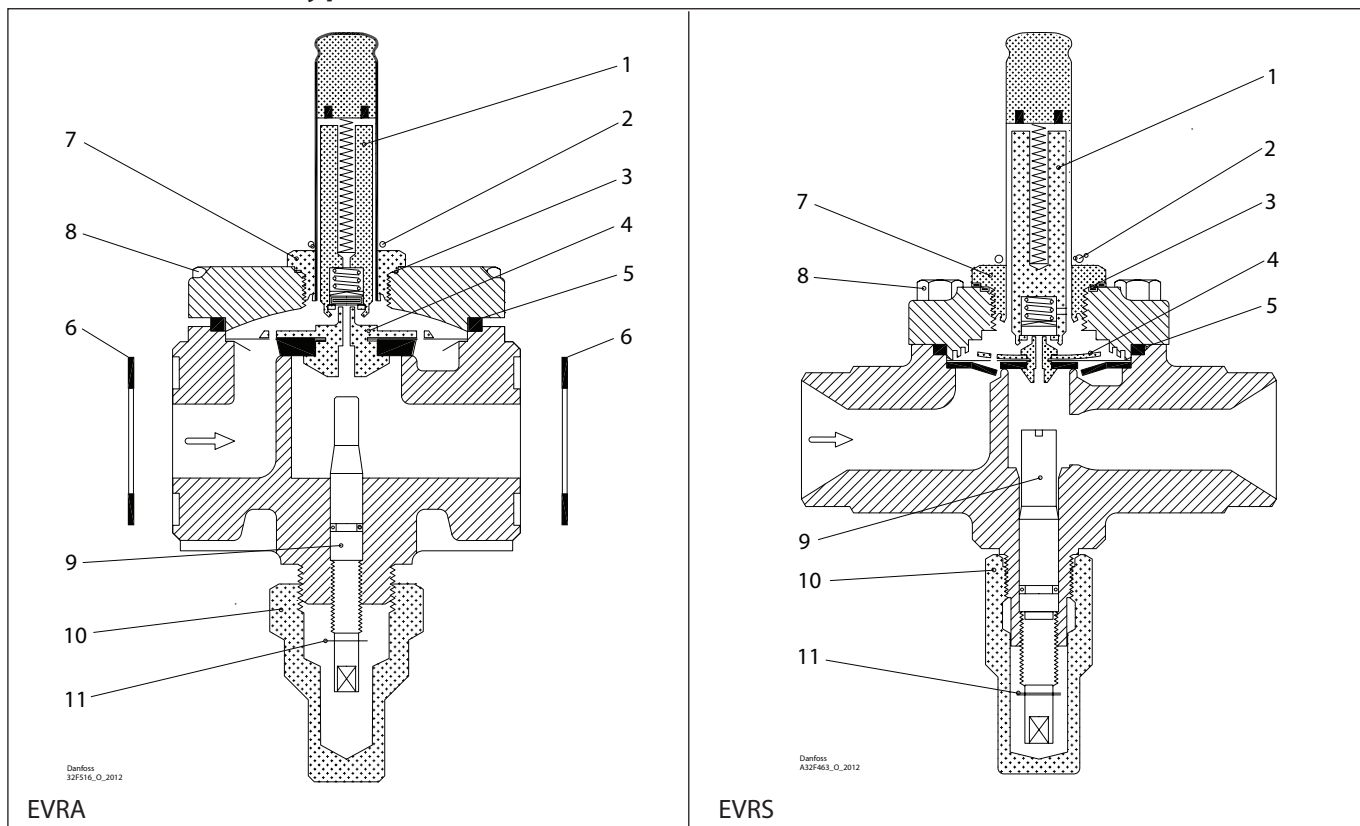
Solenoid valves, types EVRA and EVRS, size 10



1 For AC / DC Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 1	6 Total no. = 2
7 Total no. = 1	8 Total no. = 4	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2338
Solenoid valves, types EVRA and EVRS, size 15

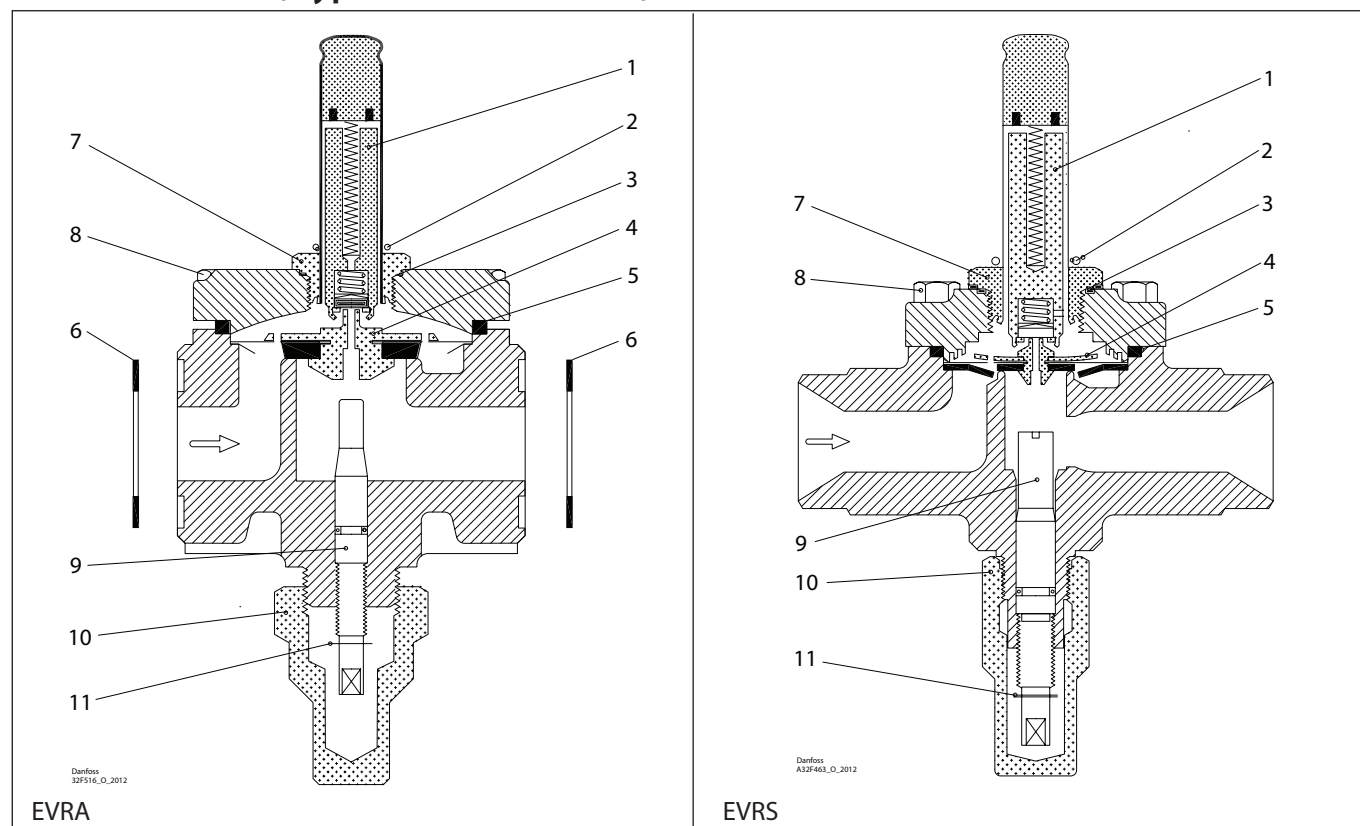


1 For AC / DC Total no. = 1	2 Total no. = 1	3 = Alu. Total no. = 1	4 Total no. = 1	5 = Rubber Total no. = 1	6 = Fibre Total no. = 2
7 Total no. = 1	8 Total no. = 4	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2339

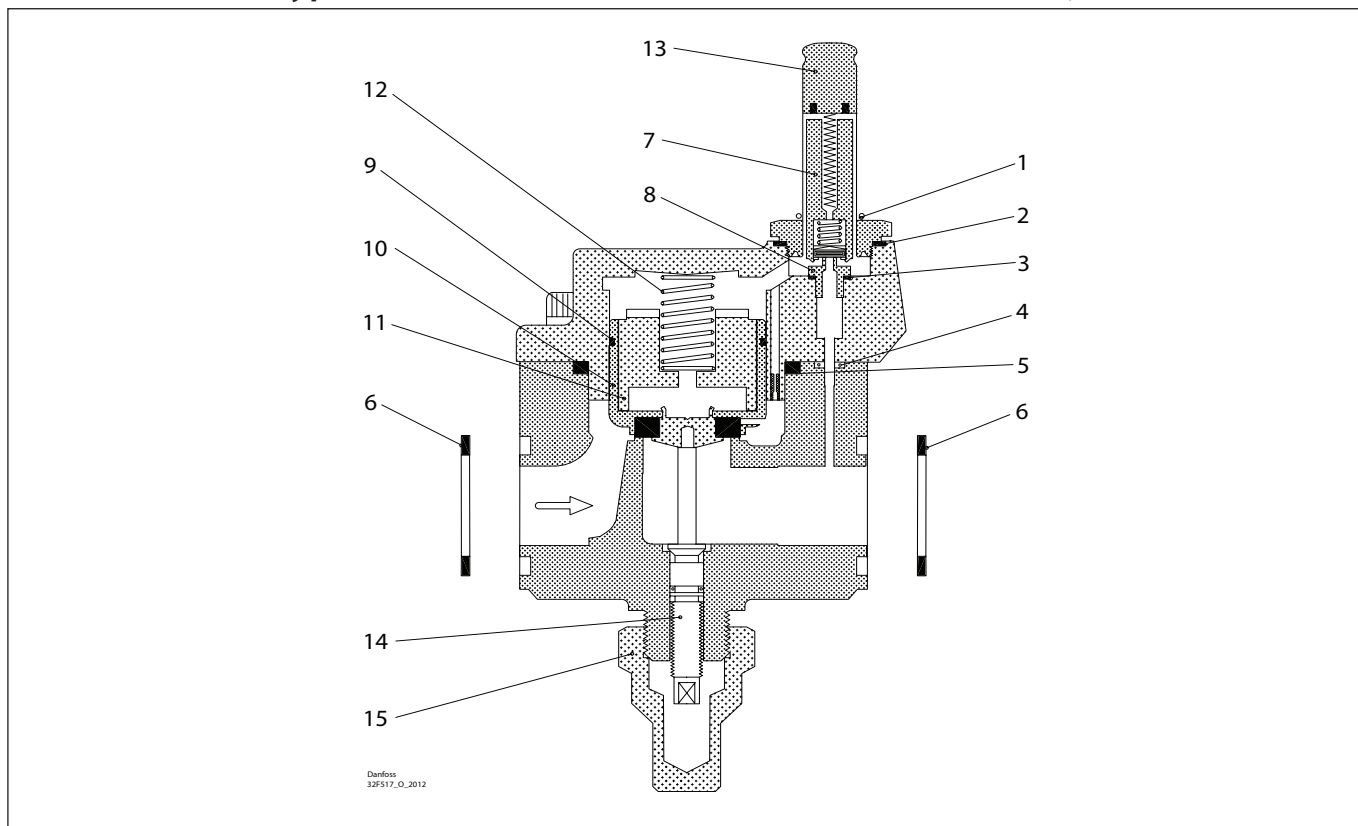
Solenoid valves, types EVRA and EVRS, size 20



1 For AC / DC Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 1	6 Total no. = 2
7 Total no. = 1	8 Total no. = 4	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1	

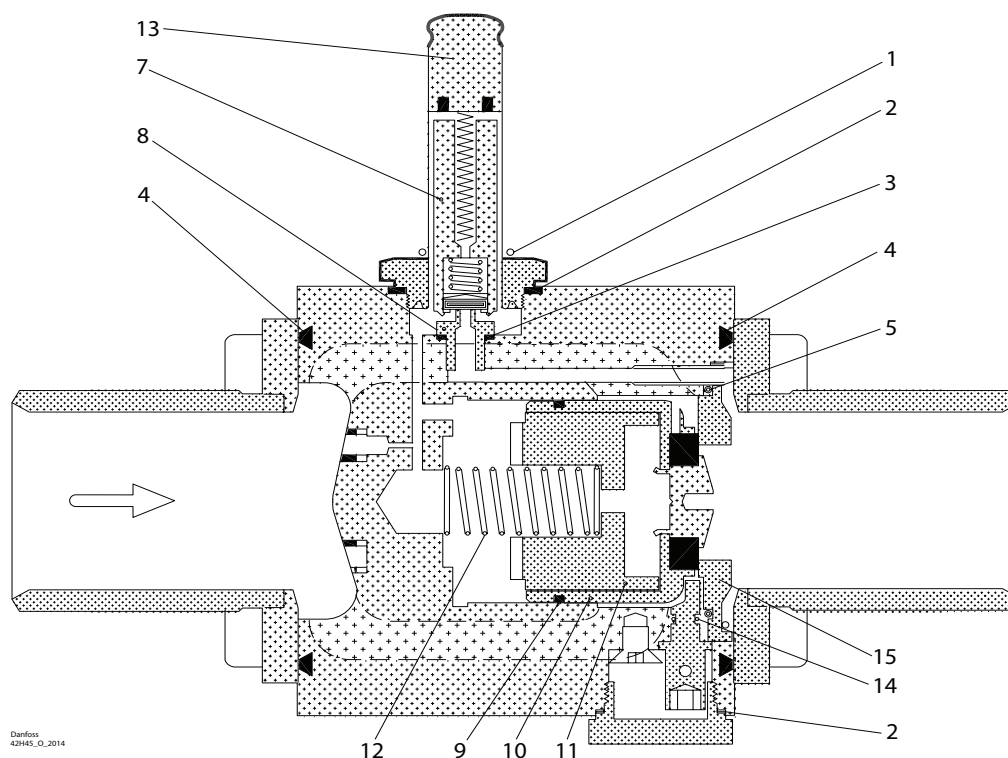
Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2340
Solenoid valve, type EVRA, size 25



1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 1
6 Total no. = 2	7 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1
11 Total no. = 1	12 Total no. = 1	13 Total no. = 1	14 Total no. = 1	15 Total no. = 1

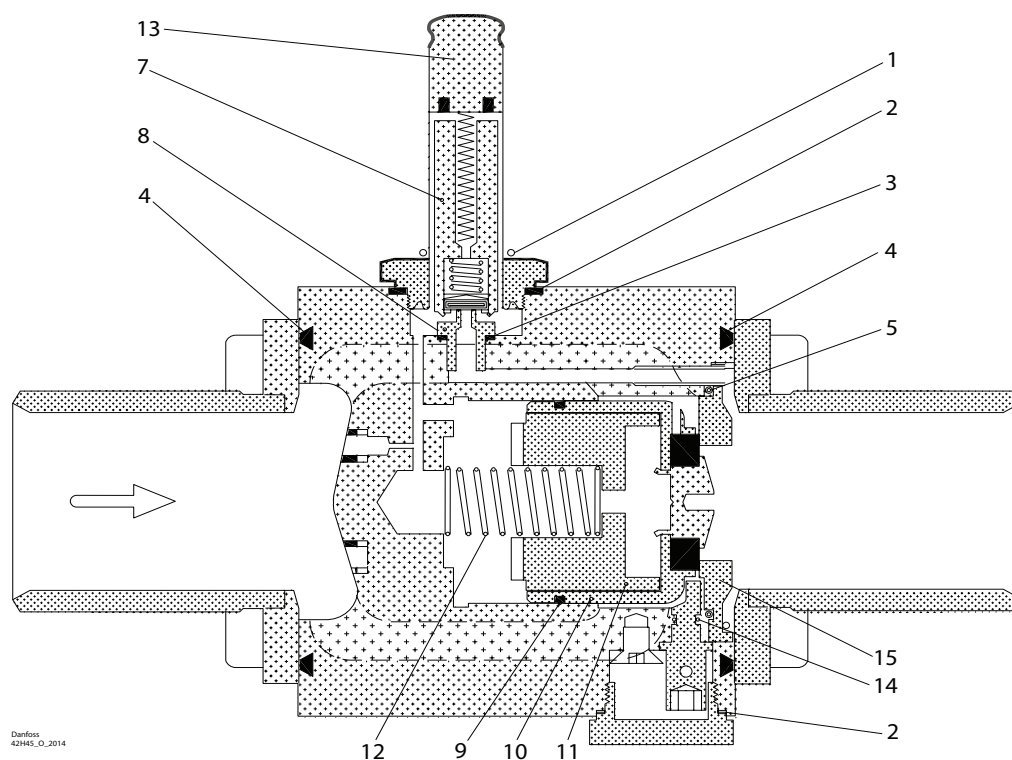
Data sheet – Spare parts and accessories
Overhaul kit | Code number 032F2341
EVRA, size 32



1 Total no. = 1	2 Total no. = 2	3 Total no. = 1	4 Total no. = 2	5 Total no. = 1
7 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1
12 Total no. = 1	13 Total no. = 1	14 Total no. = 1	15 Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2342
Solenoid valve, type EVRA, size 40



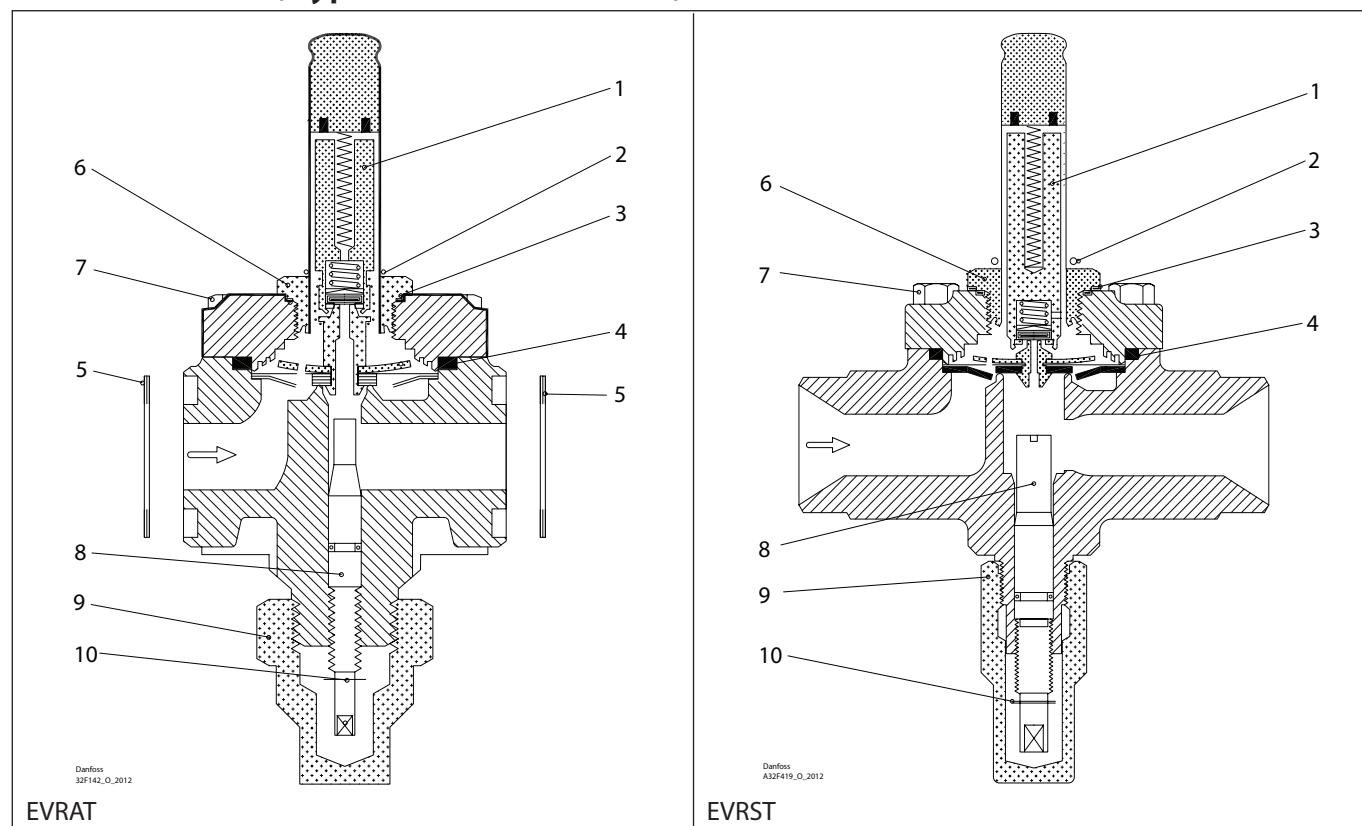
Danfoss
42H45_O_2014

1 Total no. = 1	2 Total no. = 2	3 Total no. = 1	4 Total no. = 2	5 Total no. = 1
7 Total no. = 1	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1	11 Total no. = 1
12 Total no. = 1	13 Total no. = 1	14 Total no. = 1	15 Total no. = 1	

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2346

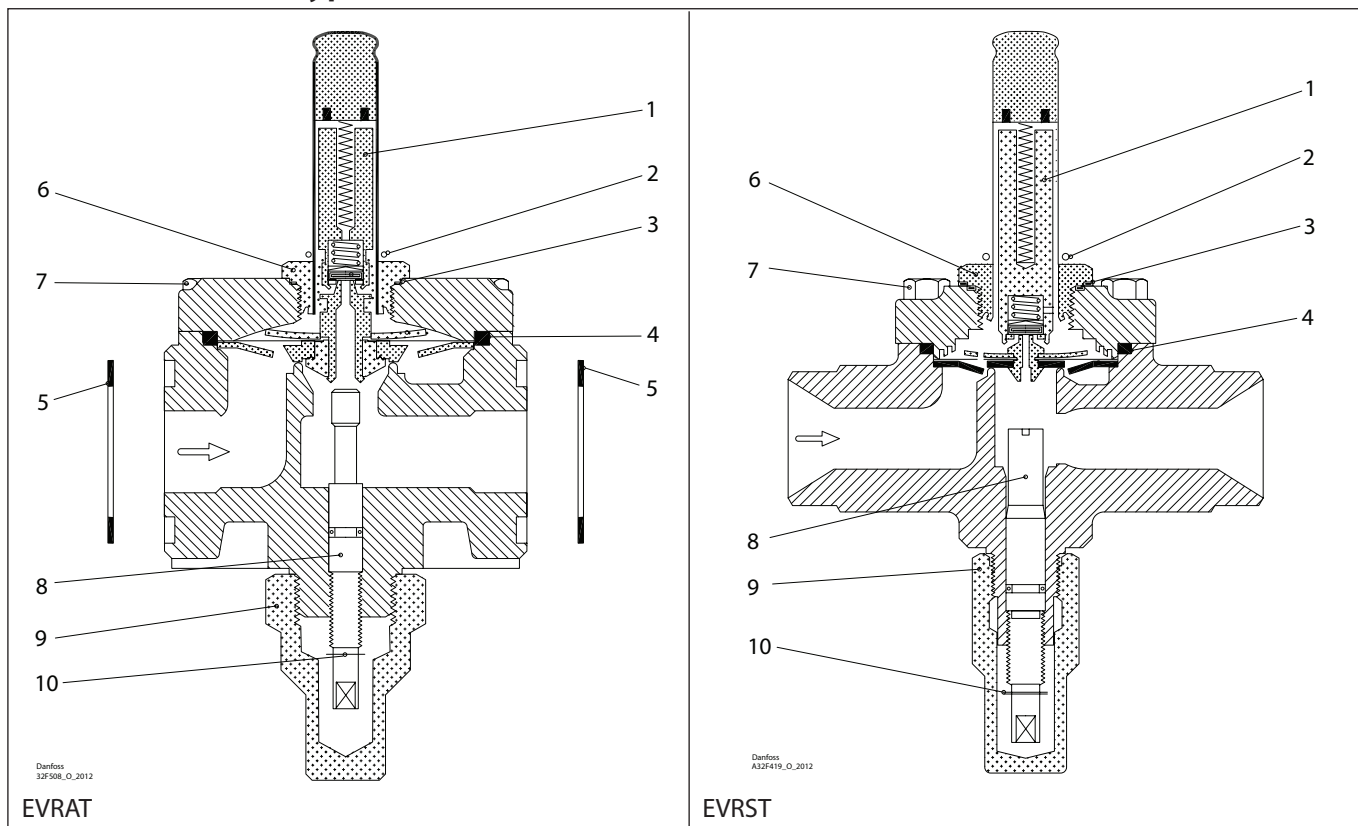
Solenoid valves, types EVRAT and EVRST, size 10



1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 2	6 Total no. = 1
7 Total no. = 4	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1		

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2347
Solenoid valves, types EVRAT and EVRST, size 15

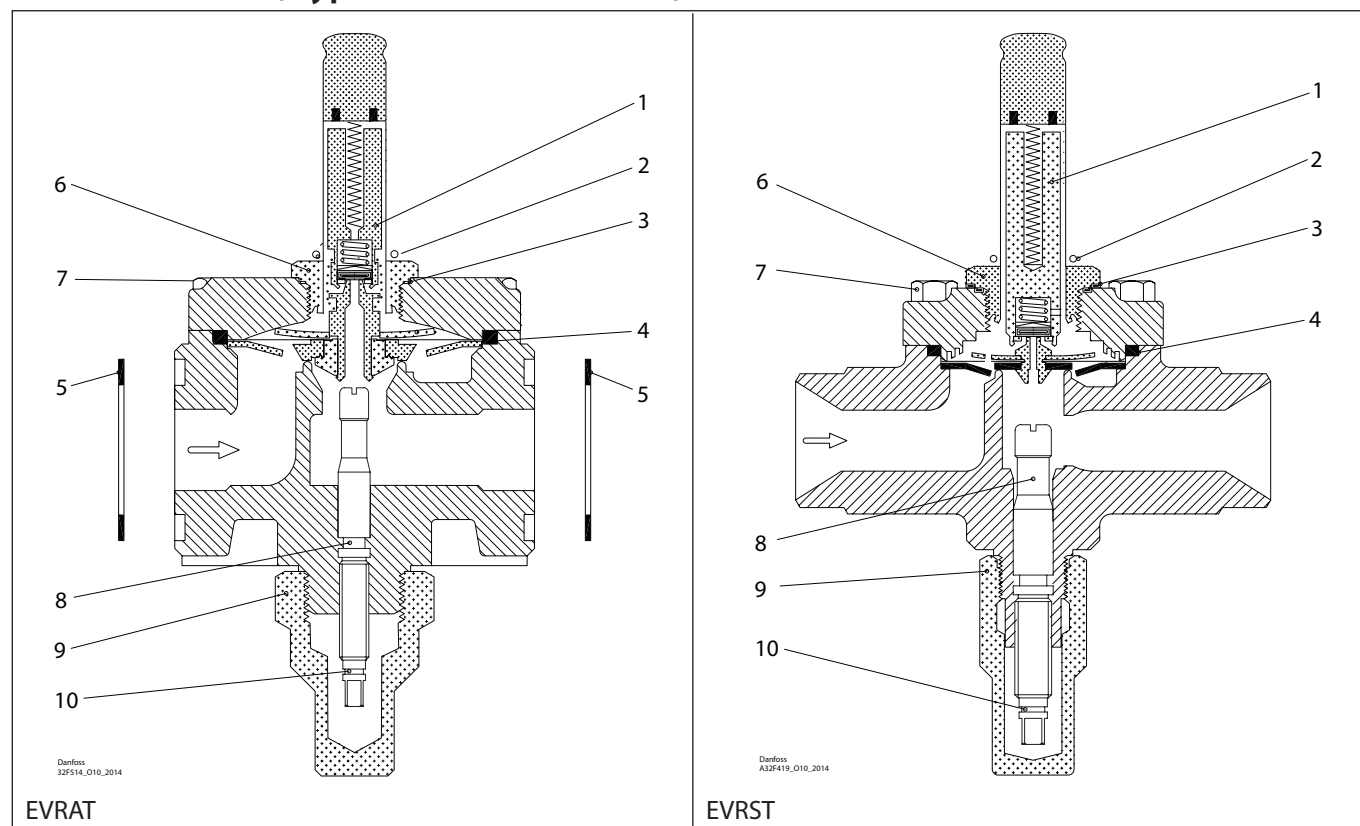


1 Total no. = 1	2 Total no. = 1	3 Total no. = 1	4 Total no. = 1	5 Total no. = 2	6 Total no. = 1
7 Total no. = 4	8 Total no. = 1	9 Total no. = 1	10 Total no. = 1		

Data sheet – Spare parts and accessories

Overhaul kit | Code number 032F2348

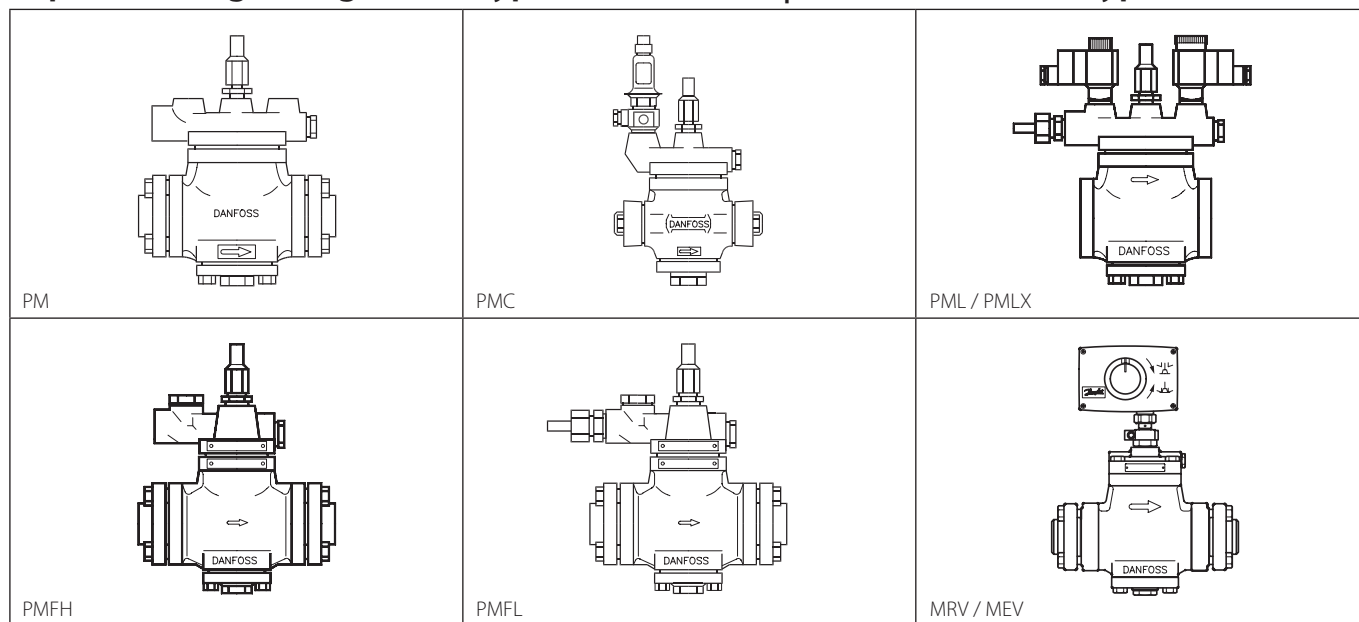
Solenoid valves, types EVRAT and EVRST, size 20



1 Ø31mm Ø1.22" Total no. = 1	2 Ø14 mm Ø0.56" Total no. = 1	3 Ø27 mm Ø1.04" Total no. = 1	4 Ø64 mm Ø2.52" Total no. = 1	5 Ø39 mm Ø1.54" Total no. = 2	6 51 mm 2.01" Total no. = 1
7 25 mm 0.98" Total no. = 4	8 70.5 mm 2.78" Total no. = 1	9 NV 32 mm NV 1.26" Total no. = 1	10 Ø5 mm Ø0.2" Total no. = 1		

Data sheet – Spare parts and accessories

Pilot operated servo valves, types PM, PMC | Solenoid valves, types PML, PMLX Liquid level regulating valves, types PMFH, PMFL | Motorised valves, types MRV, MEV



Valve type	Size	See details on page #	Code no.
Inspection kits			
PM1 PM3 PMC1 PMC3 PML PMLX MRV	5	165 + 166	027F3075
	10	165 + 166	027F3075
	15	165 + 166	027F3075
	20	165 + 166	027F3075
	25	165 + 166	027F3075
	32	167 + 168	027F3076
	40	169 + 170	027F3077
	50	171 + 172	027F3078
	65	173 + 174	027F3079
	80	175	027F3091
	100	176	027F3092
	125	177	027F3093
PMFL PMFH MEV	80-1	165 + 166	027F3075
	80-2	165 + 166	027F3075
	80-3	165 + 166	027F3075
	80-4	165 + 166	027F3075
	80-5	165 + 166	027F3075
	80-6	165 + 166	027F3075
	80-7	165 + 166	027F3075
	125	167 + 168	027F3076
	200	169 + 170	027F3077
	300	171 + 172	027F3078
	500	173 + 174	027F3079

Valve type	Size	See details on page #	Code no.
Repair kits			
PM1 PM3 PML PMLX MRV	5	178 + 179	027F3150
	10	178 + 179	027F3150
	15	178 + 179	027F3150
	20	178 + 179	027F3150
	25	178 + 179	027F3150
	32	180 + 181	027F3152
	40	182 + 183	027F3153
	50	184 + 185	027F3154
	65	186 + 187	027F3155
	80	188 + 189	027F3156
	100	190 + 191	027F3157
	125	192 + 193	027F3158
PMFL PMFH MEV	80-1	178 + 179	027F3150
	80-2	178 + 179	027F3150
	80-3	178 + 179	027F3150
	80-4	178 + 179	027F3150
	80-5	178 + 179	027F3150
	80-6	178 + 179	027F3150
	80-7	178 + 179	027F3150
	125	180 + 181	027F3152
	200	182 + 183	027F3153
	300	184 + 185	027F3154
	500	186 + 187	027F3155
PMC	20-5	194	027F0555
	20-8	194	027F0555
	20-12	194	027F0555
	20-20	194	027F0555

Inspection kits:

Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

Repair kits:

Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size - also including valve seat and piston ring.
For detailed content, see specific pages mentioned above.

Overhaul kits:

Contains all gaskets, O-rings and aluminium rings belonging to 1 valve size and parts what could be damaged or worn out.
For detailed content, see specific pages mentioned above.

Data sheet – Spare parts and accessories

Pilot operated servo valves, types PM, PMC | Solenoid valves, types PML, PMLX Liquid level regulating valves, types PMFH, PMFL | Motorised valves, types MRV, MEV

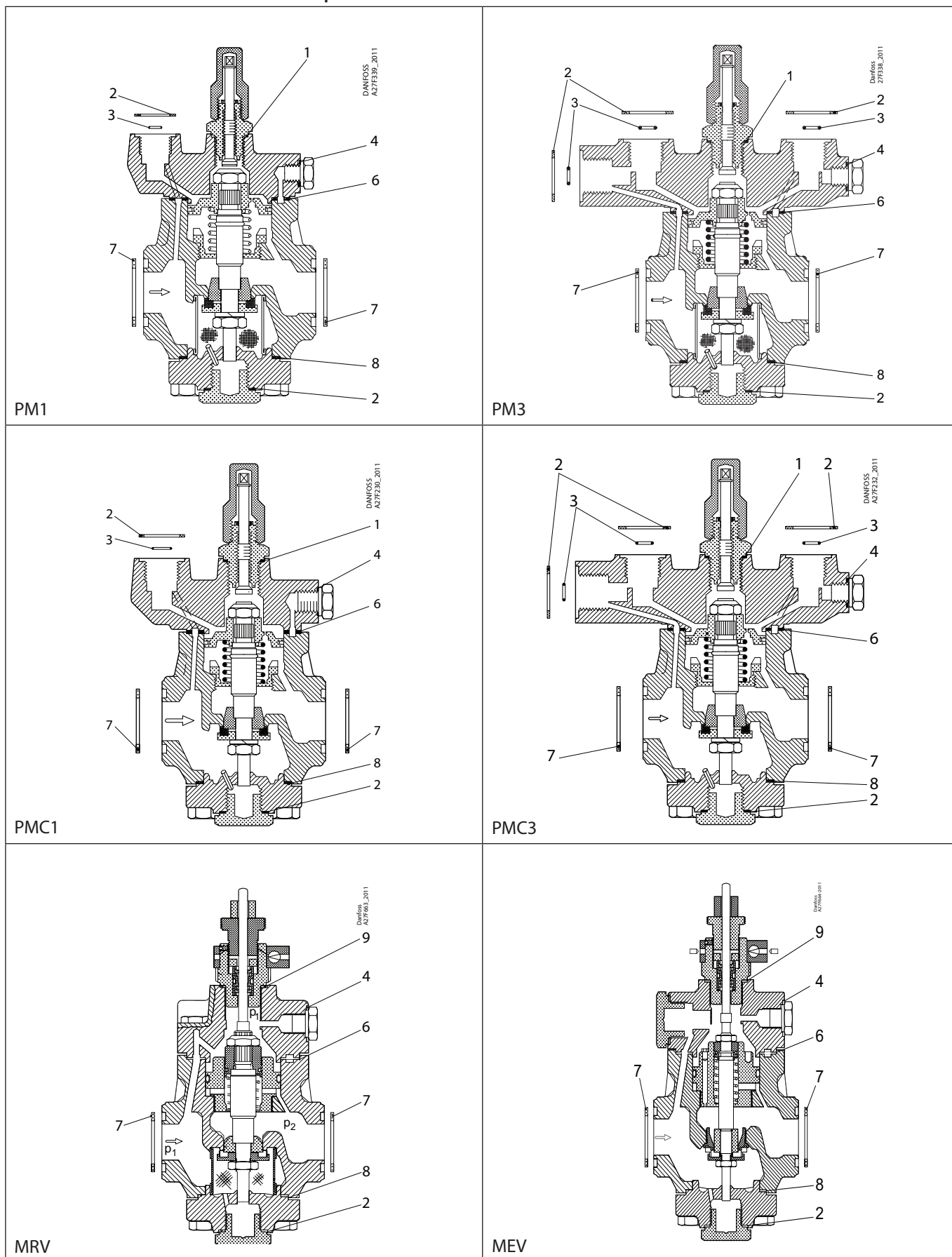
Valve type	Size	See details on page #	Code no.
Overhaul kits			
PM 1-3 Standard	20	195	027F3370
	25	196	027F3371
	32	197	027F3373
	40	198	027F3374
	50	199	027F3375
	65	200	027F3376
	80	201	027F3377
	100	202	027F3378
	125	203	027F3379
PM 1-3 V-cone	5	204	027F3380
	10	205	027F3381
	15	206	027F3382
	32	207	027F3383
	40	208	027F3384
	50	209	027F3385
	65	210	027F3386
	80	211	027F3387
	100	212	027F3388
PML	125	213	027F3389
	32	214	027F0556
	40	215	027F0557
	50	216	027F0558
	65	217	027F0559
	80	218	027F0560
	100	219	027F0561
	125	220	027F0562
	32	221	027F0563
PMLX	40	222	027F0568
	50	223	027F0569
	65	224	027F0570
	80	225	027F0571
	100	226	027F0572
MRV	125	227	027F0573
	5	228	027F0577
	10	229	027F0578
	15	230	027F0579
	20	231	027F0580
	25	232	027F0581
	32	233	027F0582
	40	234	027F0583
	50	235	027F0584
	65	236	027F0592

Valve type	Size	See details on page #	Code no.
Overhaul kits			
PMFL	80-1	237	027F0611
	80-2	238	027F0631
	80-3	239	027F0632
	80-4	240	027F0633
	80-5	241	027F0634
	80-6	242	027F0635
	80-7	243	027F0636
	125	244	027F0637
	200	245	027F0638
	300	246	027F0639
PMFH	80-2	247	027F0663
	80-3	248	027F0669
	80-4	249	027F0676
	80-5	250	027F0677
	80-6	251	027F0678
	80-7	252	027F0700
	125	253	027F0704
	200	254	027F0705
	300	255	027F0709
	500	256	027F0710
MEV	80-2	257	027F0760
	80-4	258	027F0762
	80-5	259	027F0763
	80-6	260	027F0764
	80-7	261	027F0765
	125	262	027F0766
	200	263	027F0767
	300	264	027F0768
	500	265	027F0769
	20-5	266	027F0770
PMC	20-8	267	027F0754
	20-12	268	027F0755
	20-20	269	027F0756
Accessories - ICV PM flanged valve housings			
ICV PM	25	270	027H2119
	32	270	027H3129
	40	270	027H4128
	50	270	027H5127
	65	270	027H6128

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3075

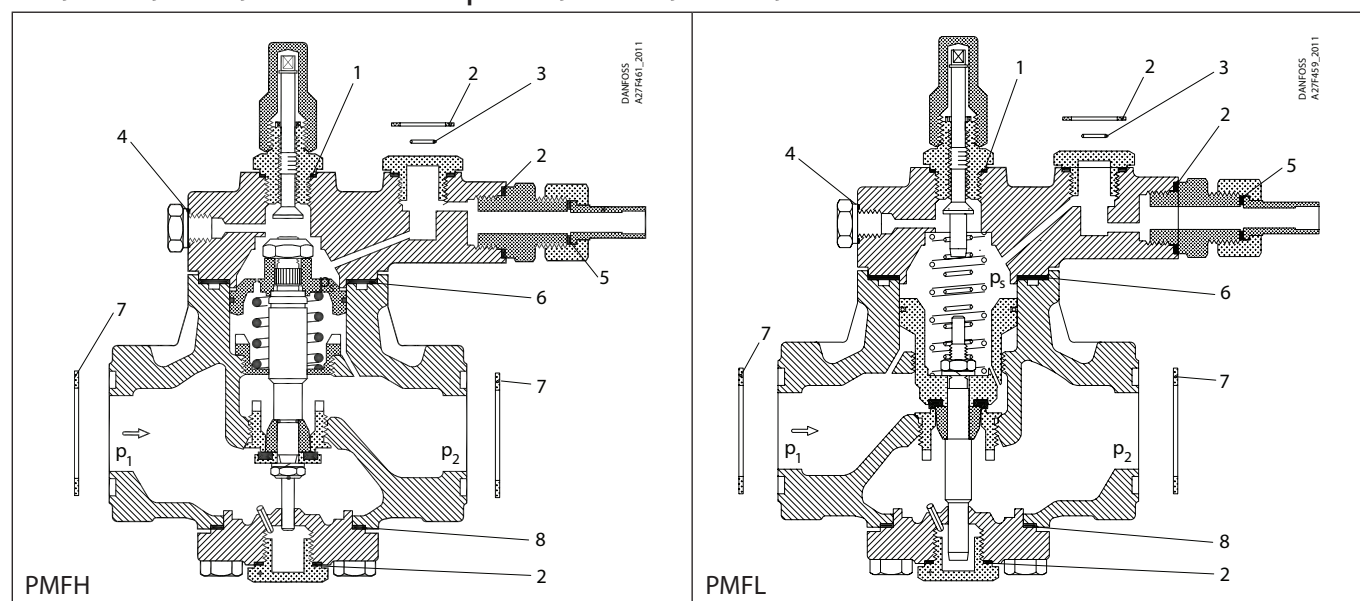
PM, PMC, MRV, sizes 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3075

PM, PMC, MRV, sizes 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



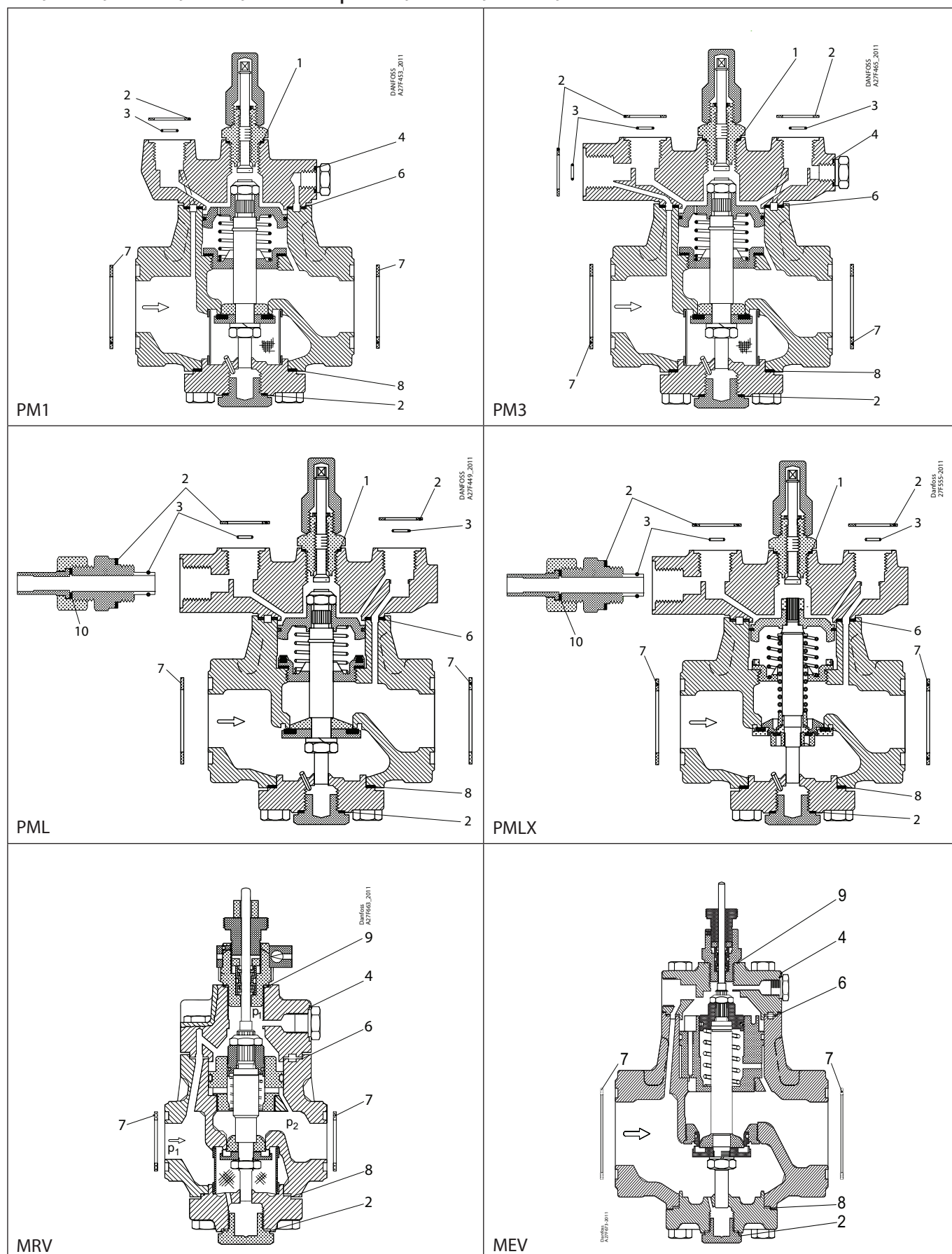
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1
5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1	7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1
9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 * = Alu. Ø22 mm Ø0.87" Total no. = 1		

* The spare part is included in the package but is not used for PM, PMC, MRV, sizes 5 to 25 or MEV, PMFH, PMFL, sizes 80-1 to 80-7

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3076

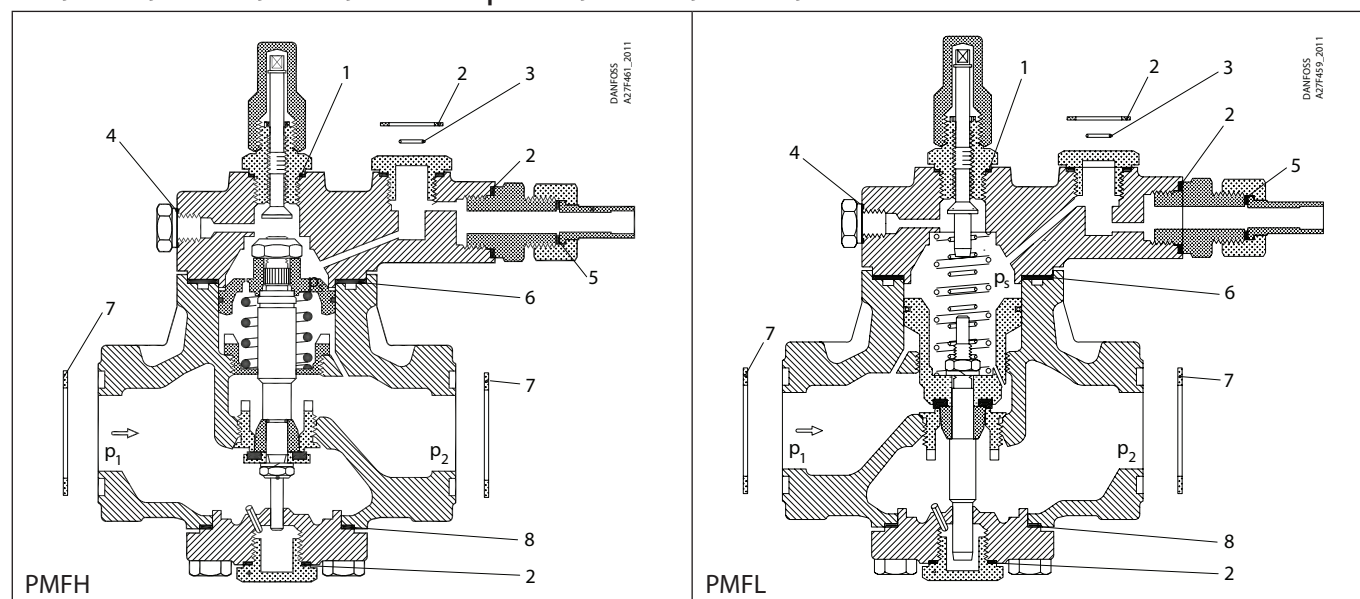
PM, PML, PMLX, MRV, size 32 | MEV, PMFH, PMFL, size 125



Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3076

PM, PML, PMLX, MRV, size 32 | MEV, PMFH, PMFL, size 125

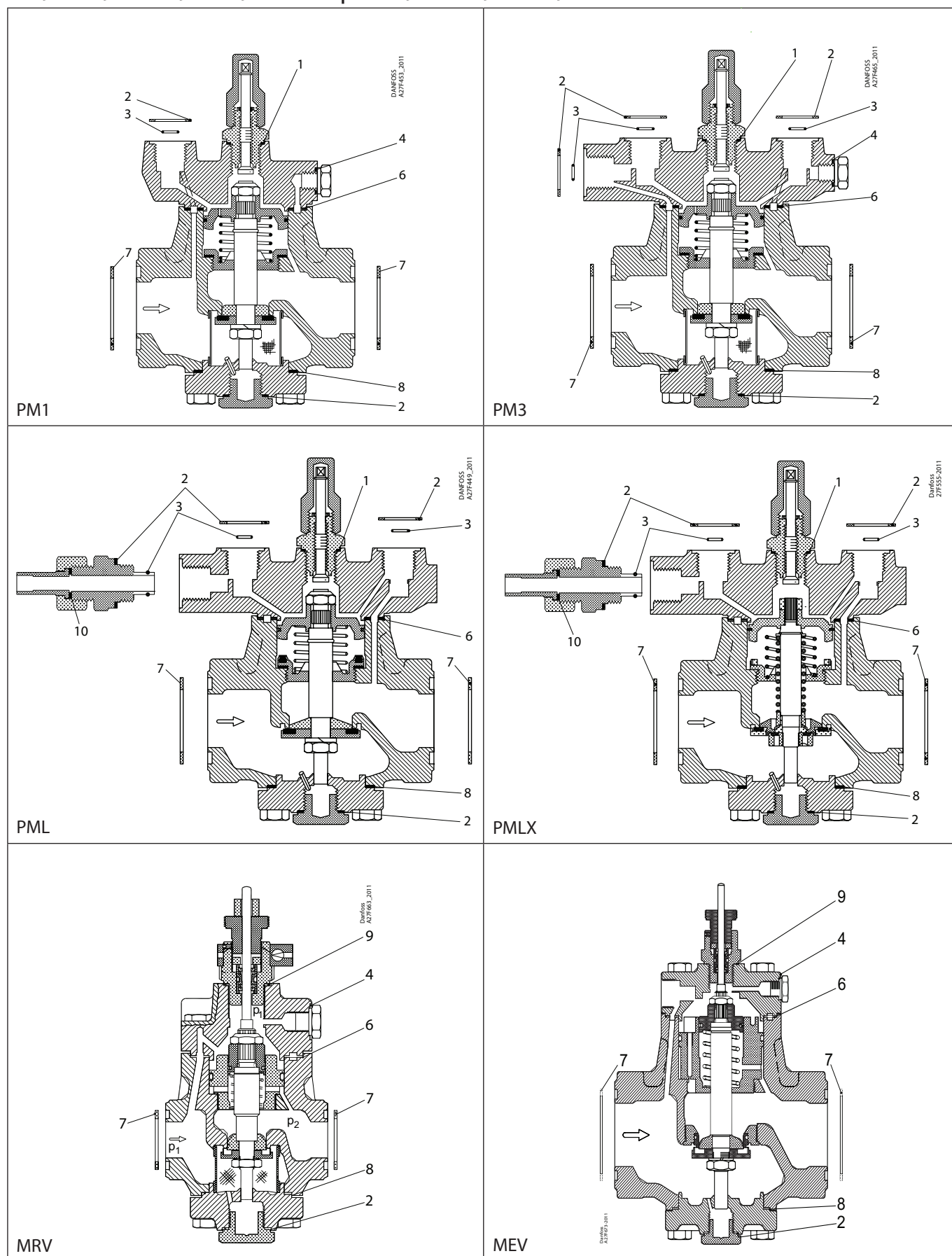


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1
5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1	7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8 = Fibre Ø70 mm Ø2.76" Total no. = 1
9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1		

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3077

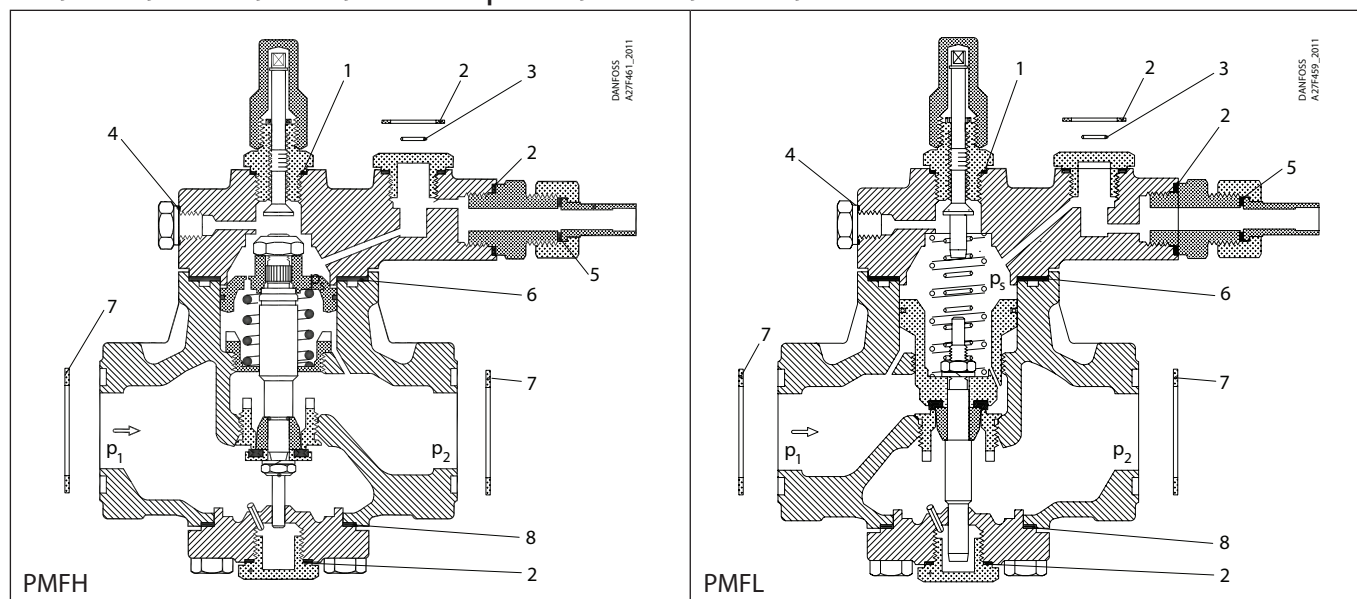
PM, PML, PMLX, MRV, size 40 | MEV, PMFH, PMFL, size 200



Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3077

PM, PML, PMLX, MRV, size 40 | MEV, PMFH, PMFL, size 200

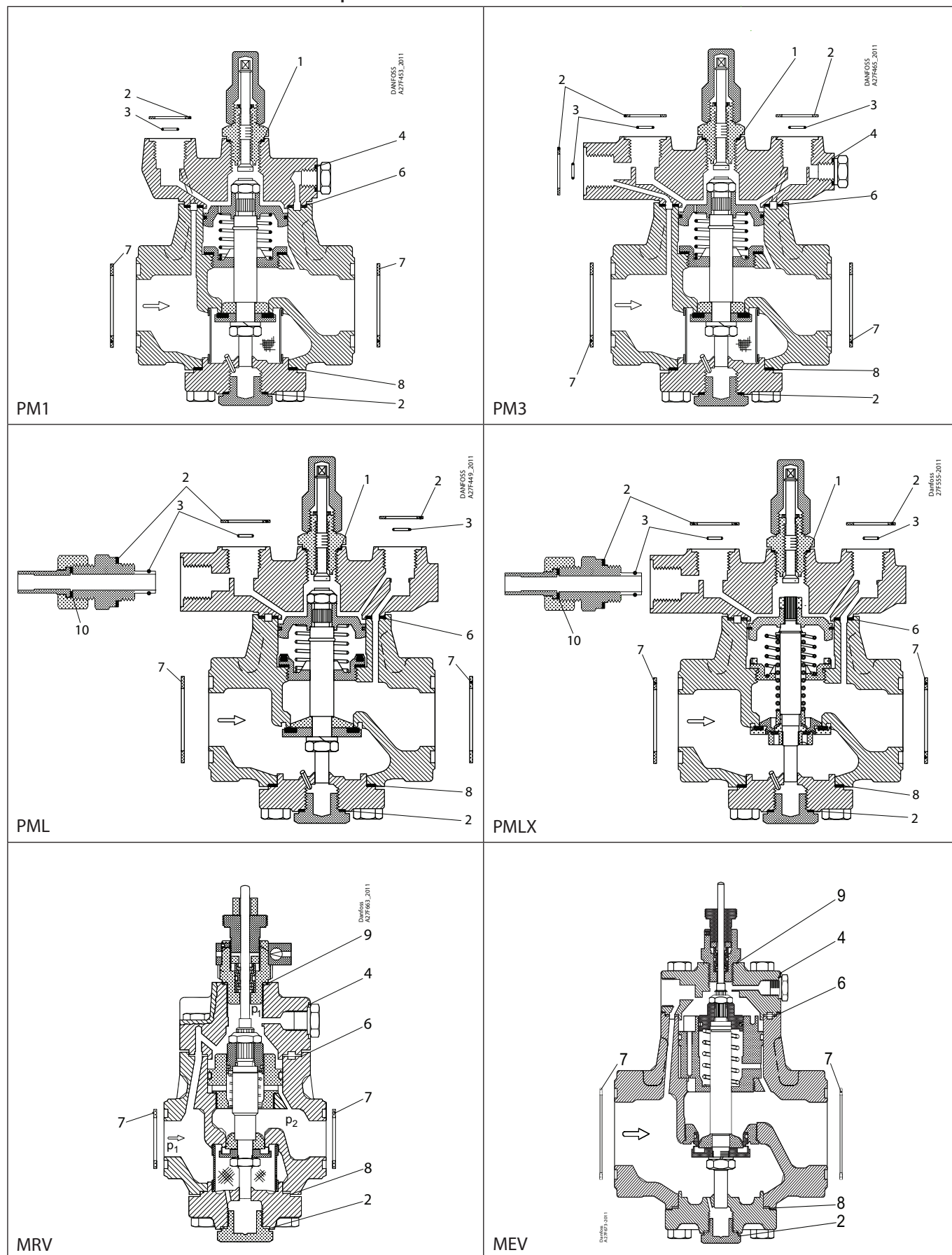


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1
5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1	7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8 = Fibre Ø78 mm Ø3.07" Total no. = 1
9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1		

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3078

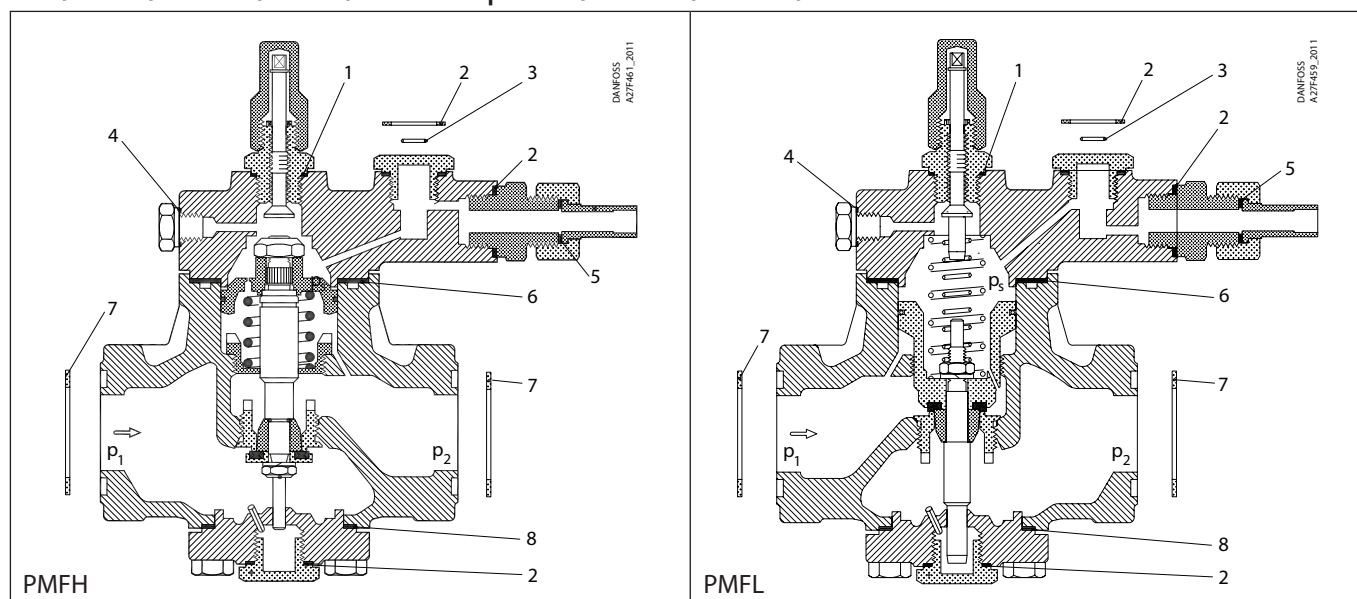
PM, PML, PMLX, MRV, size 50 | MEV, PMFH, PMFL, size 300



Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3078

PM, PML, PMLX, MRV, size 50 | MEV, PMFH, PMFL, size 300

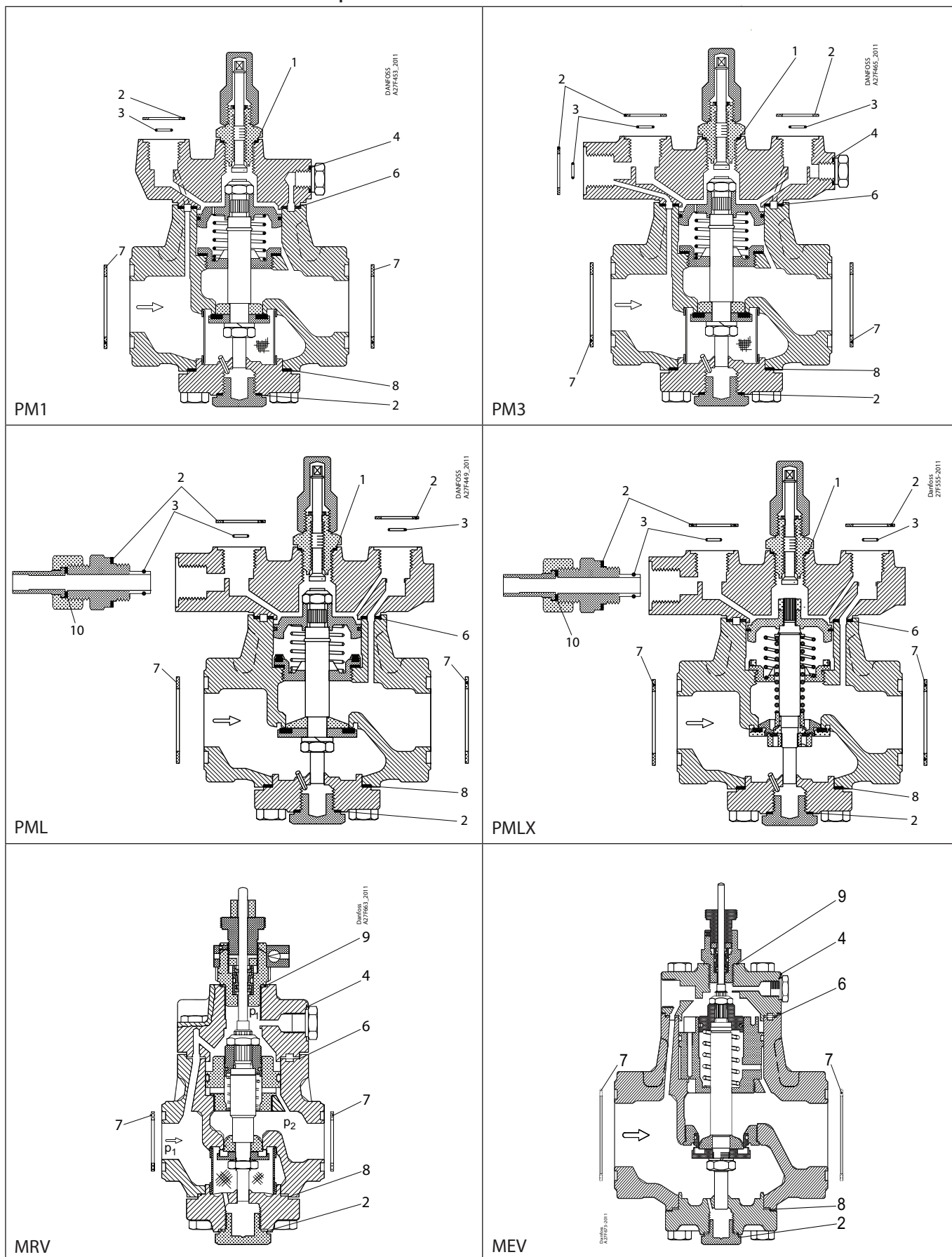


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1
5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø105 mm Ø4.13" Total no. = 1	7 = Fibre Ø76 mm Ø2.99" Total no. = 2	8 = Fibre Ø92 mm Ø3.62" Total no. = 1
9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1		

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3079

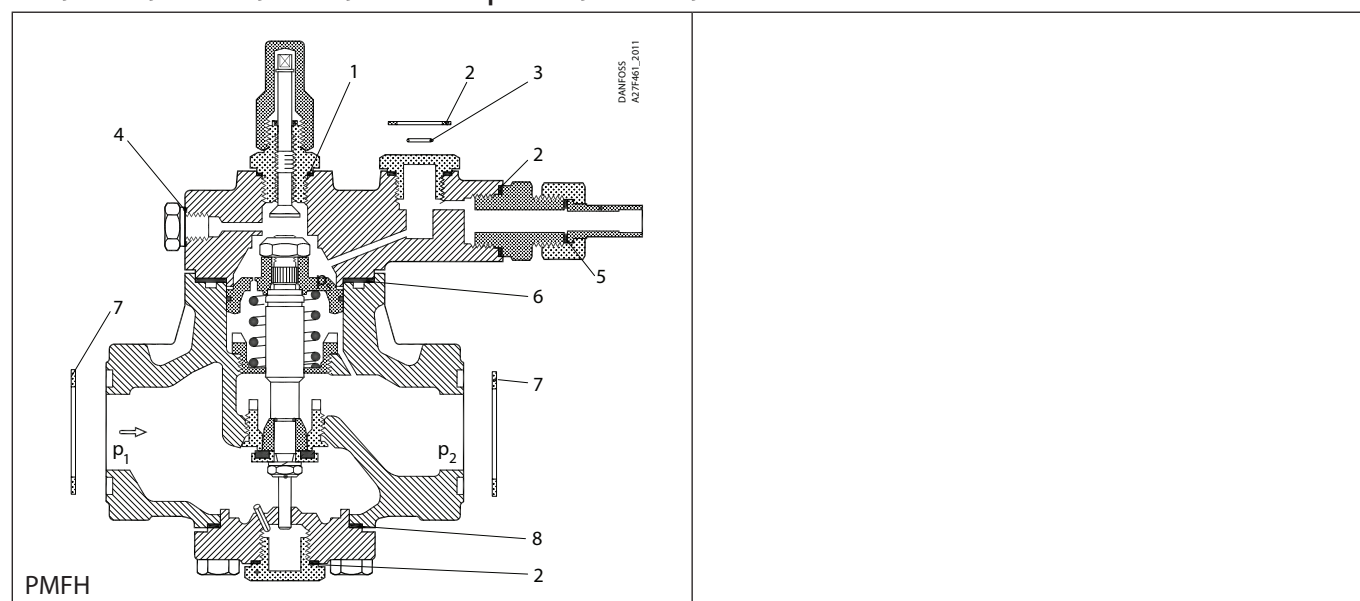
PM, PML, PMLX, MRV, size 65 | MEV, PMFH, size 500

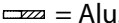
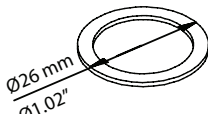
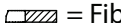
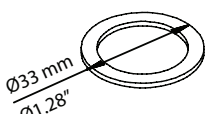
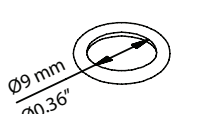
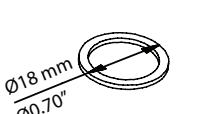
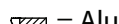
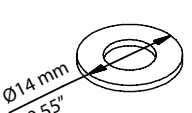
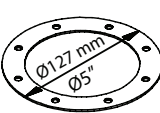
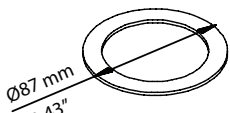
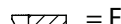
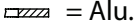
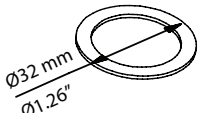
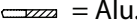
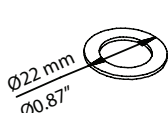


Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3079

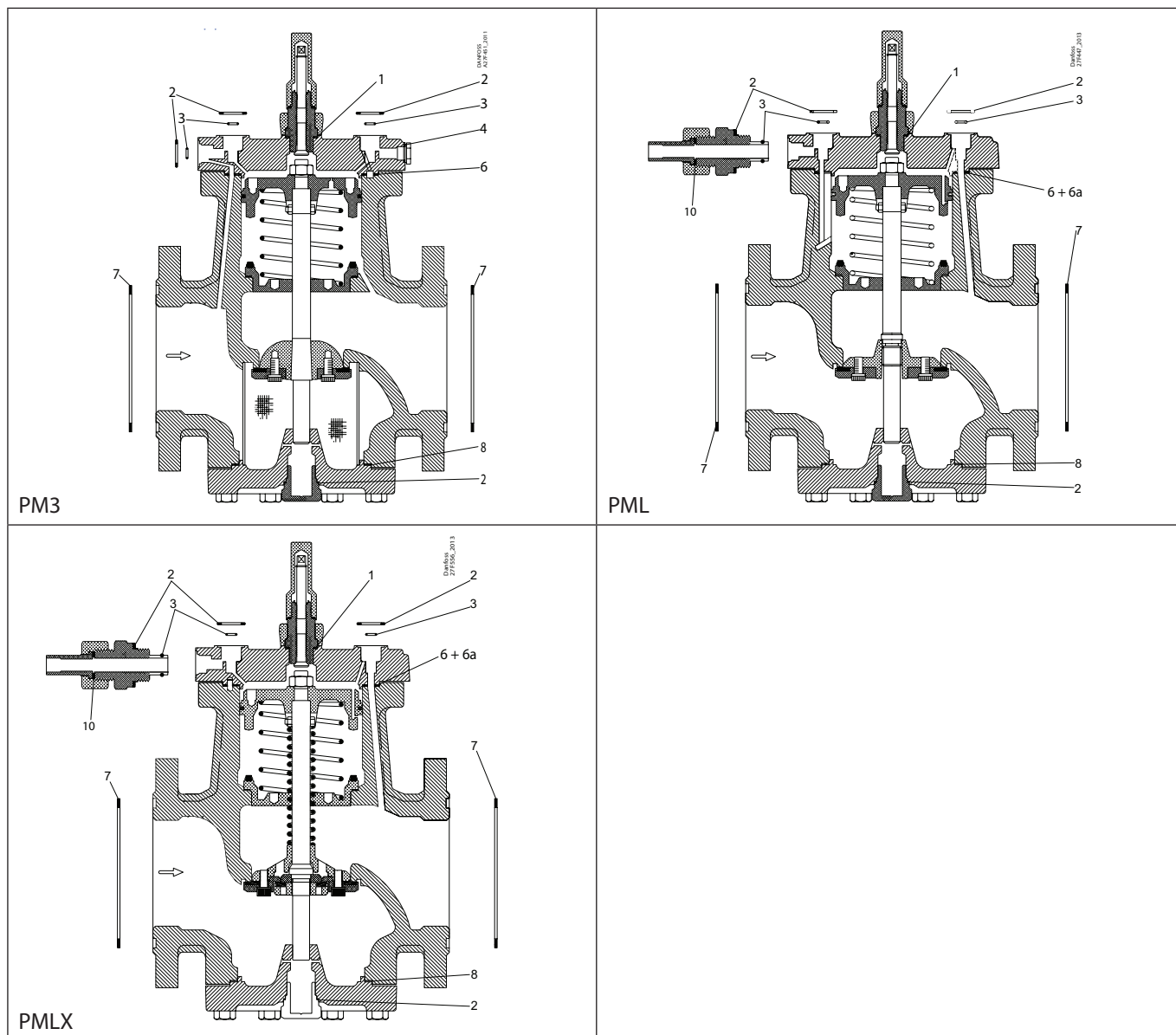
PM, PML, PMLX, MRV, size 65 | MEV, PMFH, size 500



1  = Alu.  Total no. = 1	2  = Fibre  Total no. = 4	3  = Alu.  Total no. = 3	4  = Alu.  Total no. = 1
5  = Alu.  Total no. = 1	6  = Fibre  Total no. = 1	7  = Fibre  Total no. = 2	8  = Fibre  Total no. = 1
9  = Alu.  Total no. = 1	10  = Alu.  Total no. = 1		

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3091
PM, PML, PMLX, size 80

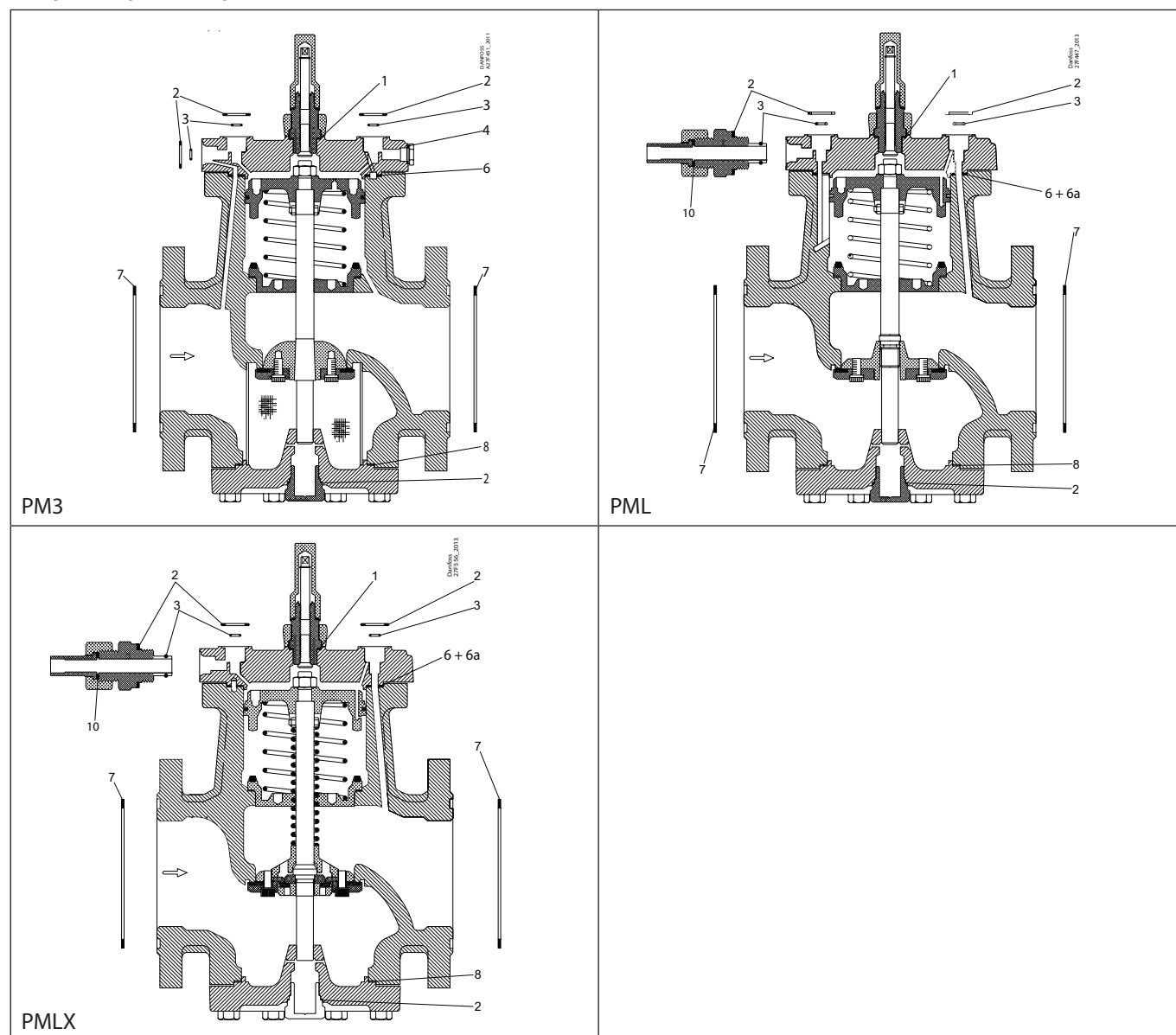


1 Ø26 mm Ø1.02" Total no. = 1	2 Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Ø18 mm Ø0.70" Total no. = 1	5* Ø14 mm Ø0.55" Total no. = 1	6 Ø154 mm Ø6.06" Total no. = 1
6a Ø154 mm Ø6.06" Total no. = 1	7 Ø149 mm Ø5.87" Total no. = 2	8 Ø134 mm Ø5.28" Total no. = 1	9* Ø32 mm Ø1.26" Total no. = 1	10 Ø22 mm Ø0.87" Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 100

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3092
PM, PML, PMLX, size 100

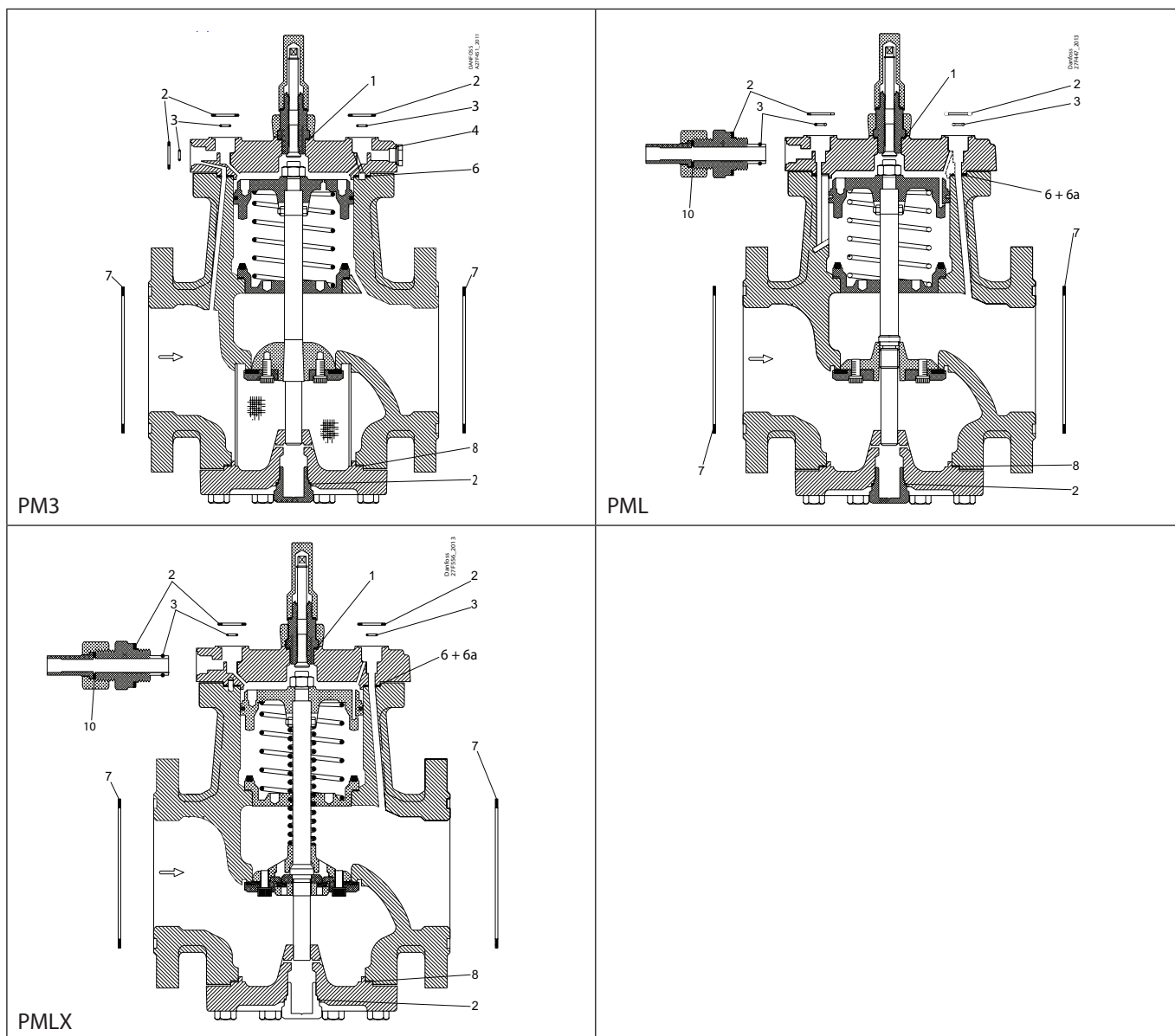


1 Ø26 mm Ø1.02" Total no. = 1	2 Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Ø18 mm Ø0.70" Total no. = 1	5 * Ø14 mm Ø0.55" Total no. = 1	6 Ø185 mm Ø7.28" Total no. = 1
6a Ø185 mm Ø7.28" Total no. = 1	7 Ø175 mm Ø6.89" Total no. = 2	8 Ø168 mm Ø6.61" Total no. = 1	9 * Ø32 mm Ø1.26" Total no. = 1	10 Ø22 mm Ø0.87" Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 100

Data sheet – Spare parts and accessories

Inspection kit | Code number 027F3093
PM, PML, PMLX, size 125



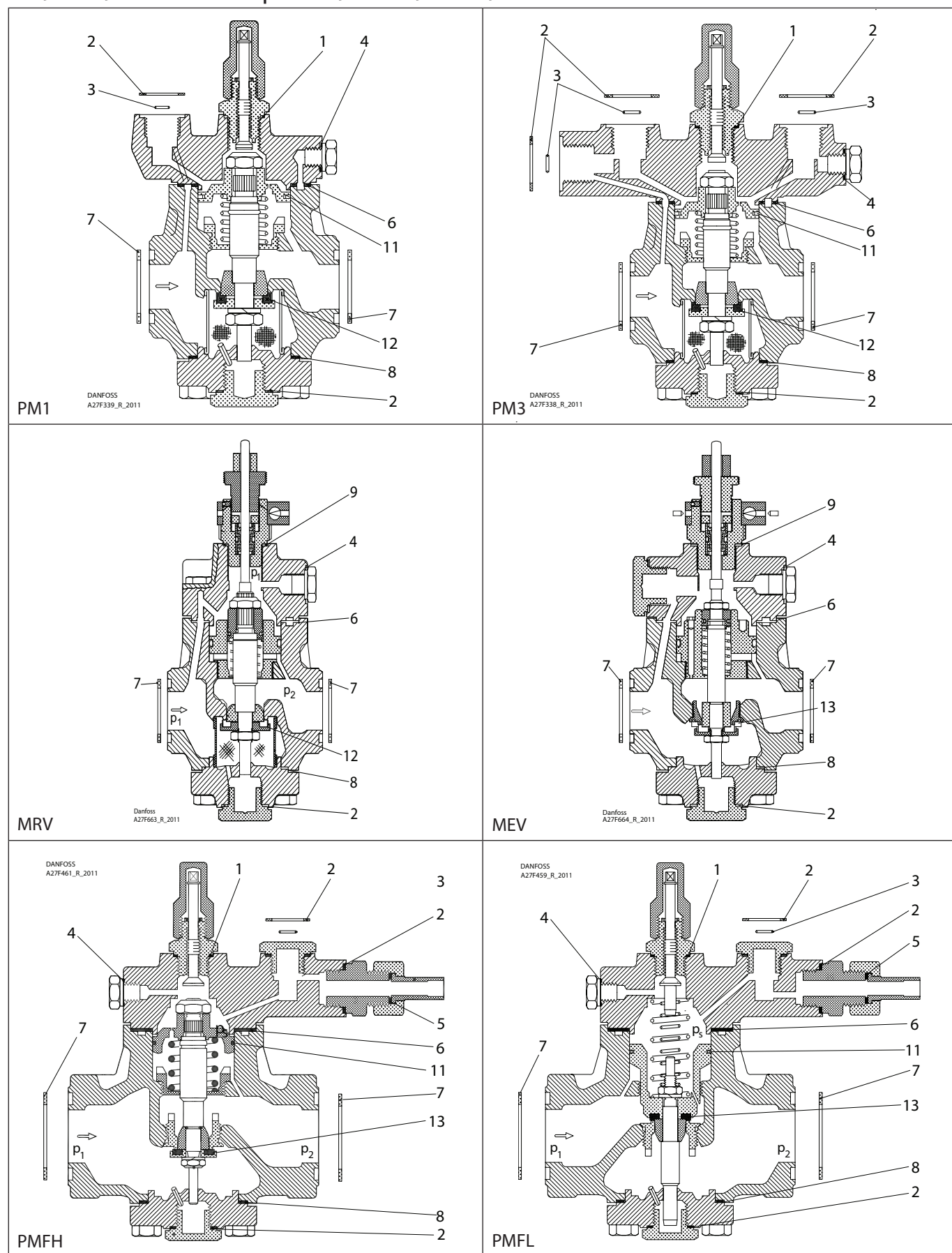
1 Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5 * Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø221 mm Ø8.7" Total no. = 1
6a Fibre Ø221 mm Ø8.7" Total no. = 1	7 Fibre Ø203 mm Ø7.99" Total no. = 2	8 Fibre Ø196 mm Ø7.72" Total no. = 1	9 * Alu. Ø32 mm Ø1.26" Total no. = 1	10 Alu. Ø22 mm Ø0.87" Total no. = 1	

* The spare part is included in the package but is not used for PM, PML, PMLX 125

Data sheet – Spare parts and accessories

Repair kit | Code number 027F3150

PM, MRV, size 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7



Data sheet – Spare parts and accessories

Repair kit | Code number 027F3150

PM, MRV, size 5 to 25 | MEV, PMFH, PMFL, sizes 80-1 to 80-7

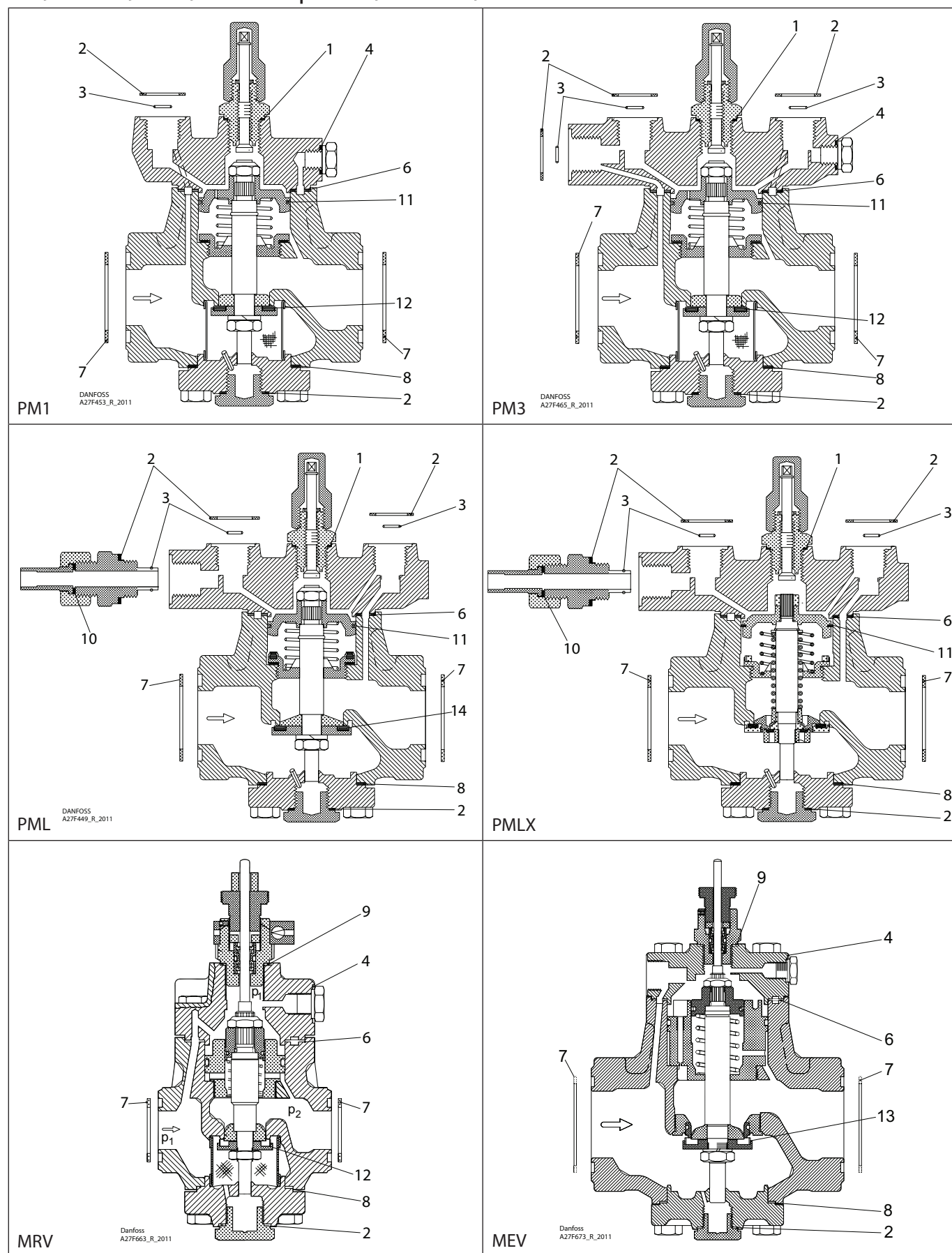
1 Ø26 mm Ø1.02" Total no. = 1	2 Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Ø18 mm Ø0.70" Total no. = 1	5 Ø14 mm Ø0.55" Total no. = 1	6 Ø75 mm Ø2.95" Total no. = 1
7 Ø39 mm Ø1.54" Total no. = 2	8 Ø60 mm Ø2.36" Total no. = 1	9 Ø32 mm Ø1.26" Total no. = 1	10* Ø22 mm Ø0.87" Total no. = 1	11 Ø50 mm Ø1.97" Total no. = 1	12 Ø32 mm Ø1.26" Total no. = 1
13 Ø13 mm Ø0.53" Ø24 mm Ø0.93" Total no. = 1	14 Ø18 mm Ø0.72" Ø24 mm Ø0.93" Total no. = 1				

* The spare part is included in the package but is not used for PM, MRV 5 to 25 or MEV, PMFH, PMFL 80-1 to 80-7

Data sheet – Spare parts and accessories

Repair kit | Code number 027F3152

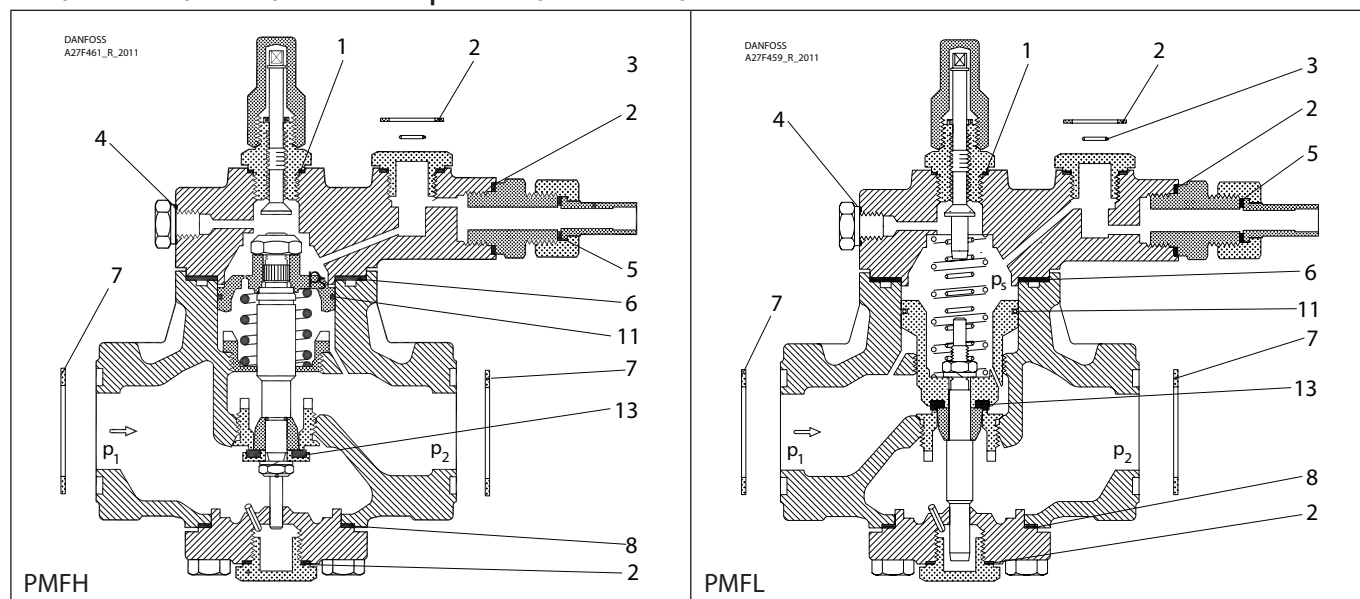
PM, PML/X, MRV, size 32 | MEV, PMFH/L, size 125



Data sheet – Spare parts and accessories

Repair kit | Code number 027F3152

PM, PML/X, MRV, size 32 | MEV, PMFH/L, size 125

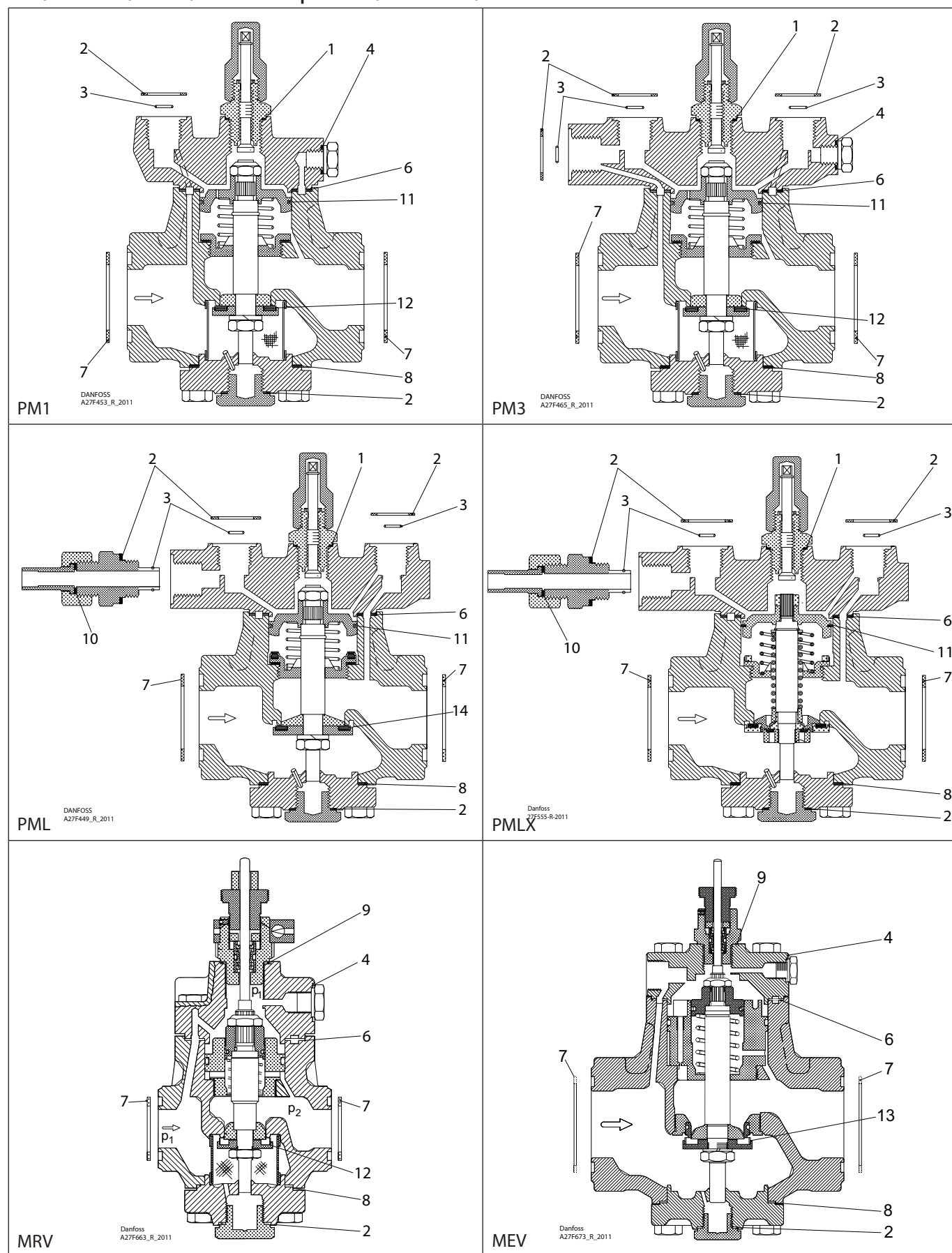


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8 = Fibre Ø70 mm Ø2.76" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	11 = Alu. Ø60 mm Ø2.36" Total no. = 1	12 = Fibre Ø32 mm Ø1.28" Ø39 mm Ø1.53" Total no. = 1
13 = Alu. Ø21 mm Ø0.83" Ø28 mm Ø1.1" Total no. = 1	14 = Alu. Ø42 mm Ø1.67" Ø50 mm Ø1.96" Total no. = 1				

Data sheet – Spare parts and accessories

Repair kit | Code number 027F3153

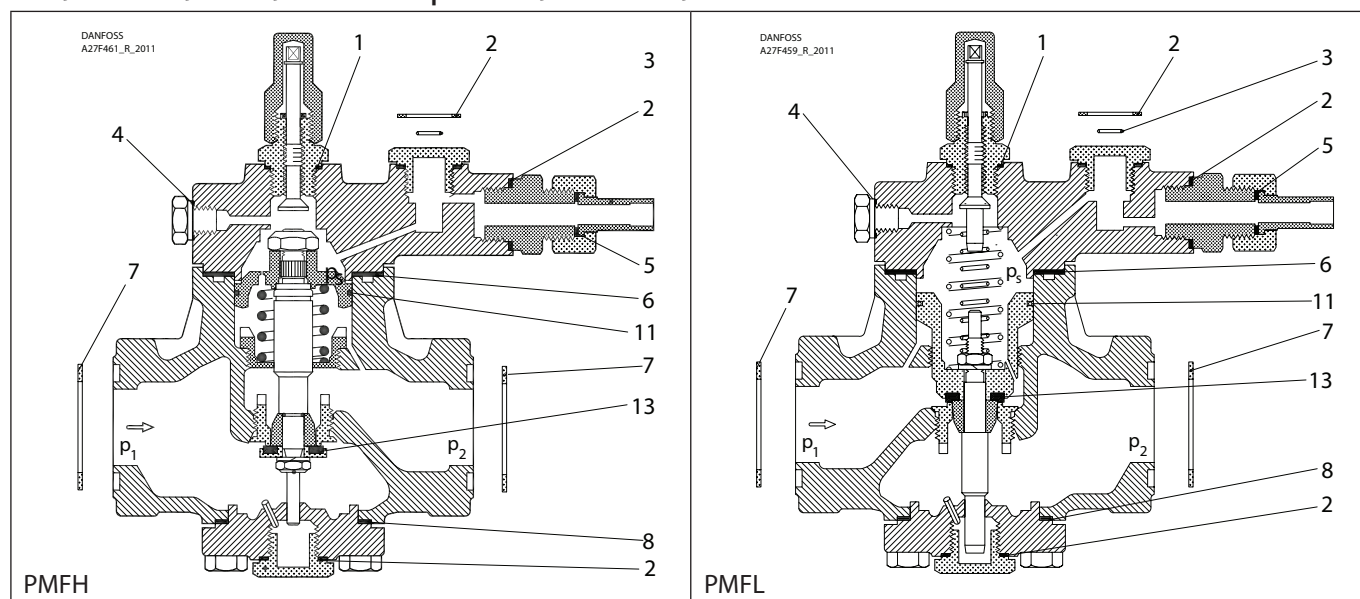
PM, PML/X, MRV, size 40 | MEV, PMFH/L, size 200



Data sheet – Spare parts and accessories

Repair kit | Code number 027F3153

PM, PML/X, MRV, size 40 | MEV, PMFH/L, size 200

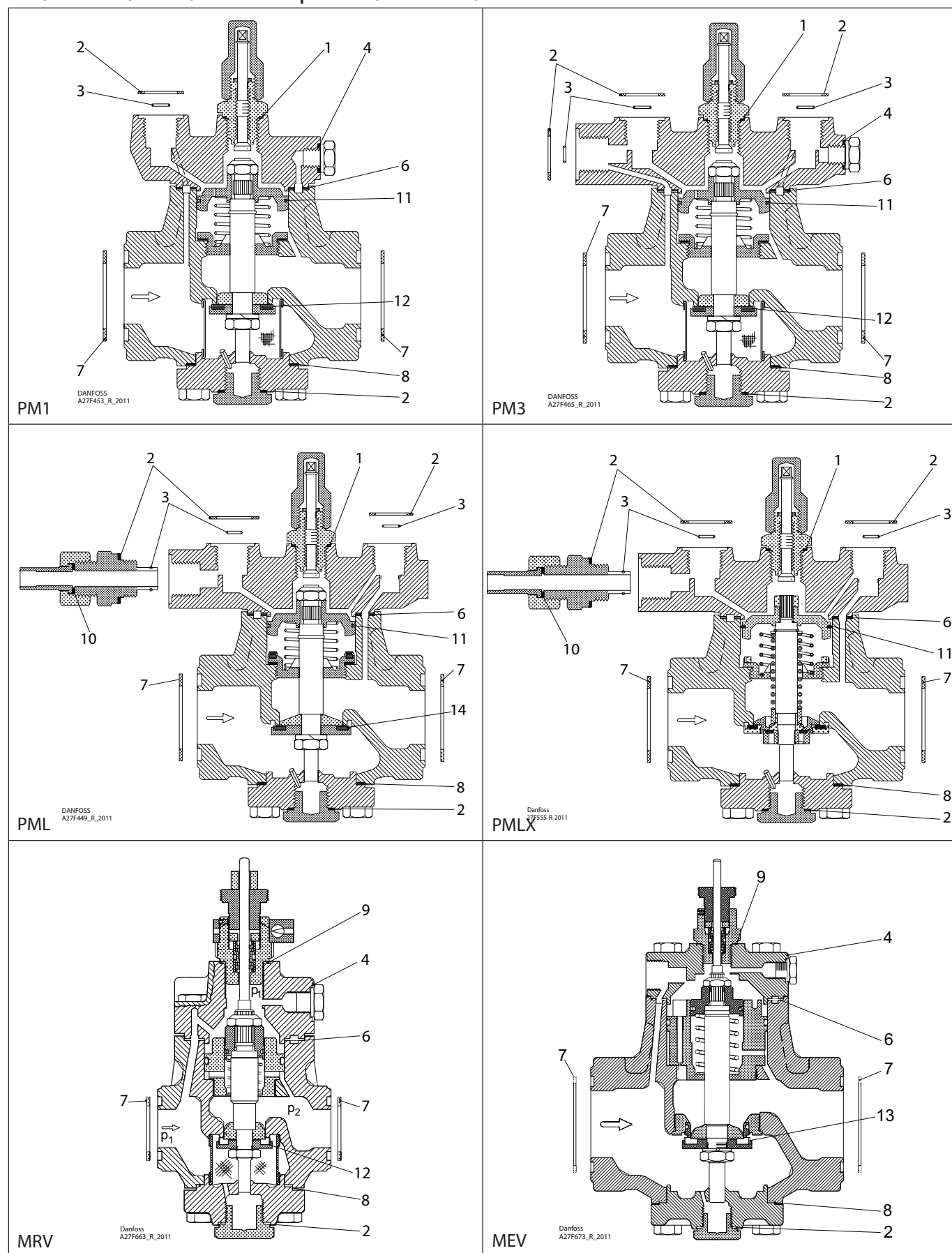


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8 = Fibre Ø78 mm Ø3.07" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	11 = Alu. Ø68 mm Ø2.68" Total no. = 1	12 = Fibre Ø42 mm Ø1.65" Ø50 mm Ø1.96" Total no. = 1
13 = Alu. Ø26 mm Ø1.04" Ø32 mm Ø1.26" Total no. = 1	14 = Alu. Ø50 mm Ø1.98" Ø60 mm Ø2.35" Total no. = 1				

Data sheet – Spare parts and accessories

Repair kit | Code number 027F3154

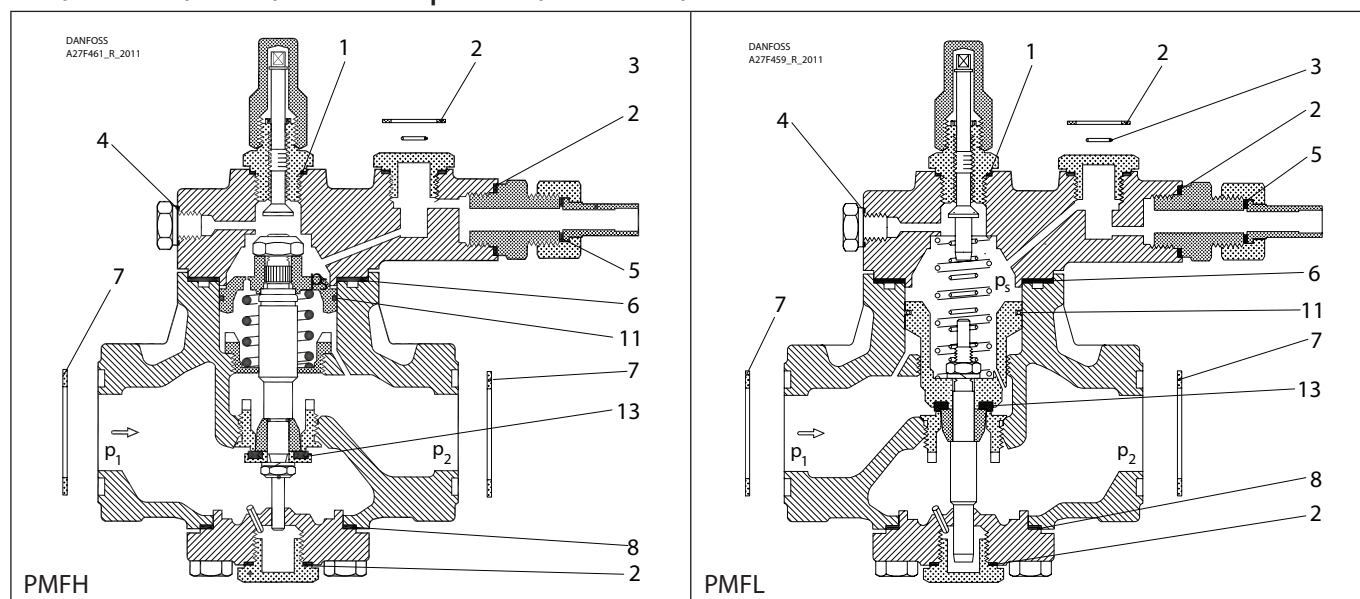
PM, PML/X, MRV, size 50 | MEV, PMFH/L, size 300



Data sheet – Spare parts and accessories

Repair kit | Code number 027F3154

PM, PML/X, MRV, size 50 | MEV, PMFH/L, size 300

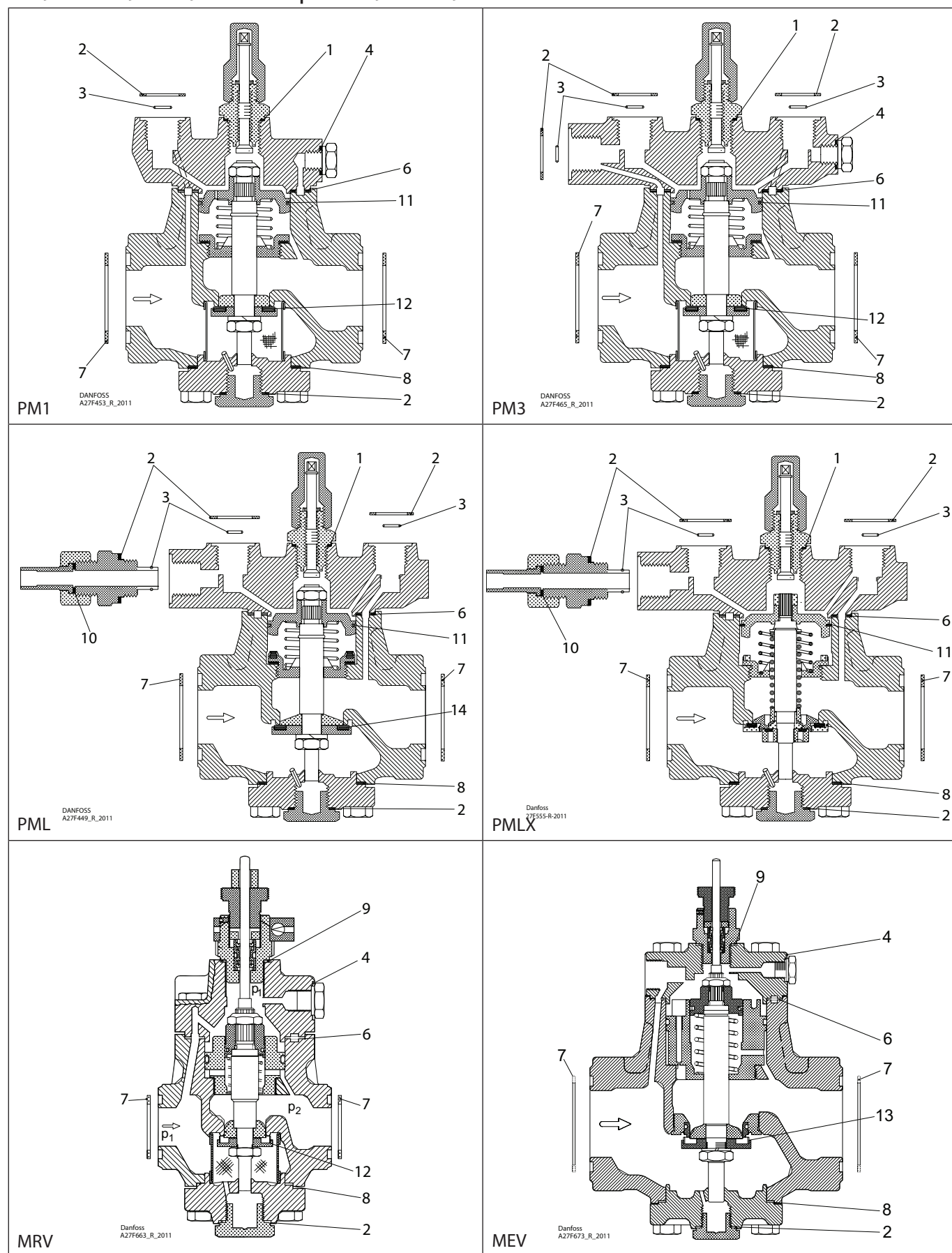


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	8 = Fibre Ø92 mm Ø3.62" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	11 = Alu. Ø80 mm Ø3.15" Total no. = 1	12 = Fibre Ø50 mm Ø1.98" Ø60 mm Ø2.35" Total no. = 1
13 = Alu. Ø32 mm Ø1.28" Ø39 mm Ø1.53" Total no. = 1	14 = Alu. Ø65 mm Ø2.57" Ø73 mm Ø2.89" Total no. = 1				

Data sheet – Spare parts and accessories

Repair kit | Code number 027F3155

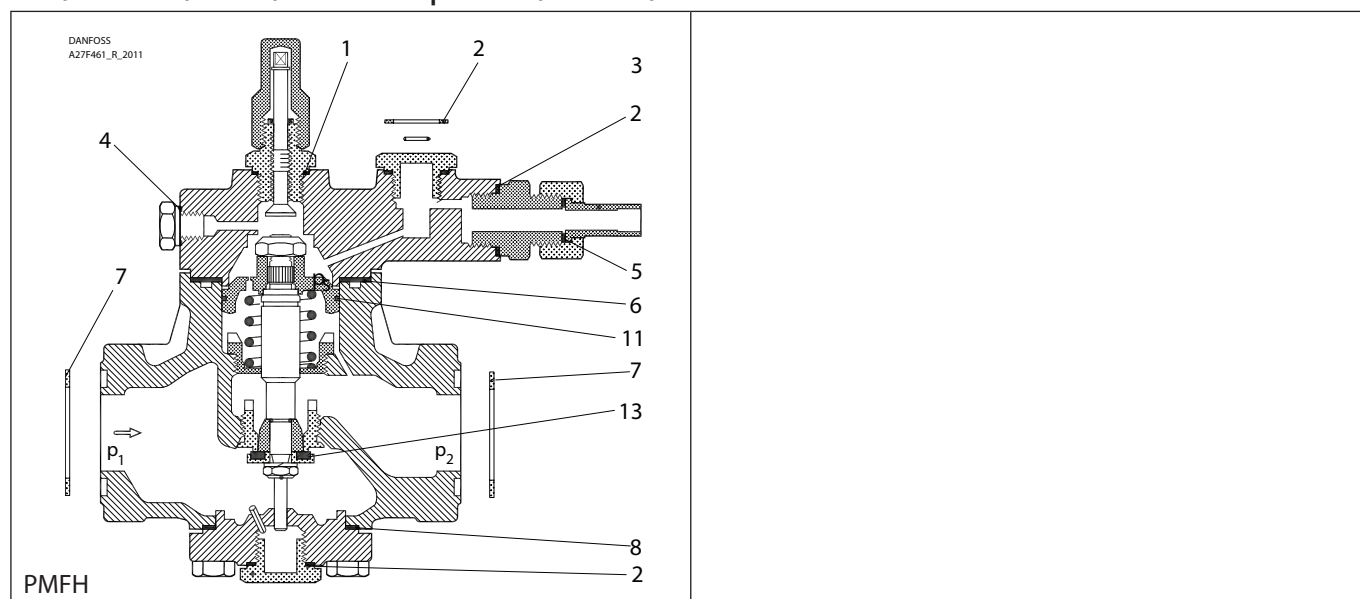
PM, PML/X, MRV, size 65 | MEV, PMFH, size 500



Data sheet – Spare parts and accessories

Repair kit | Code number 027F3155

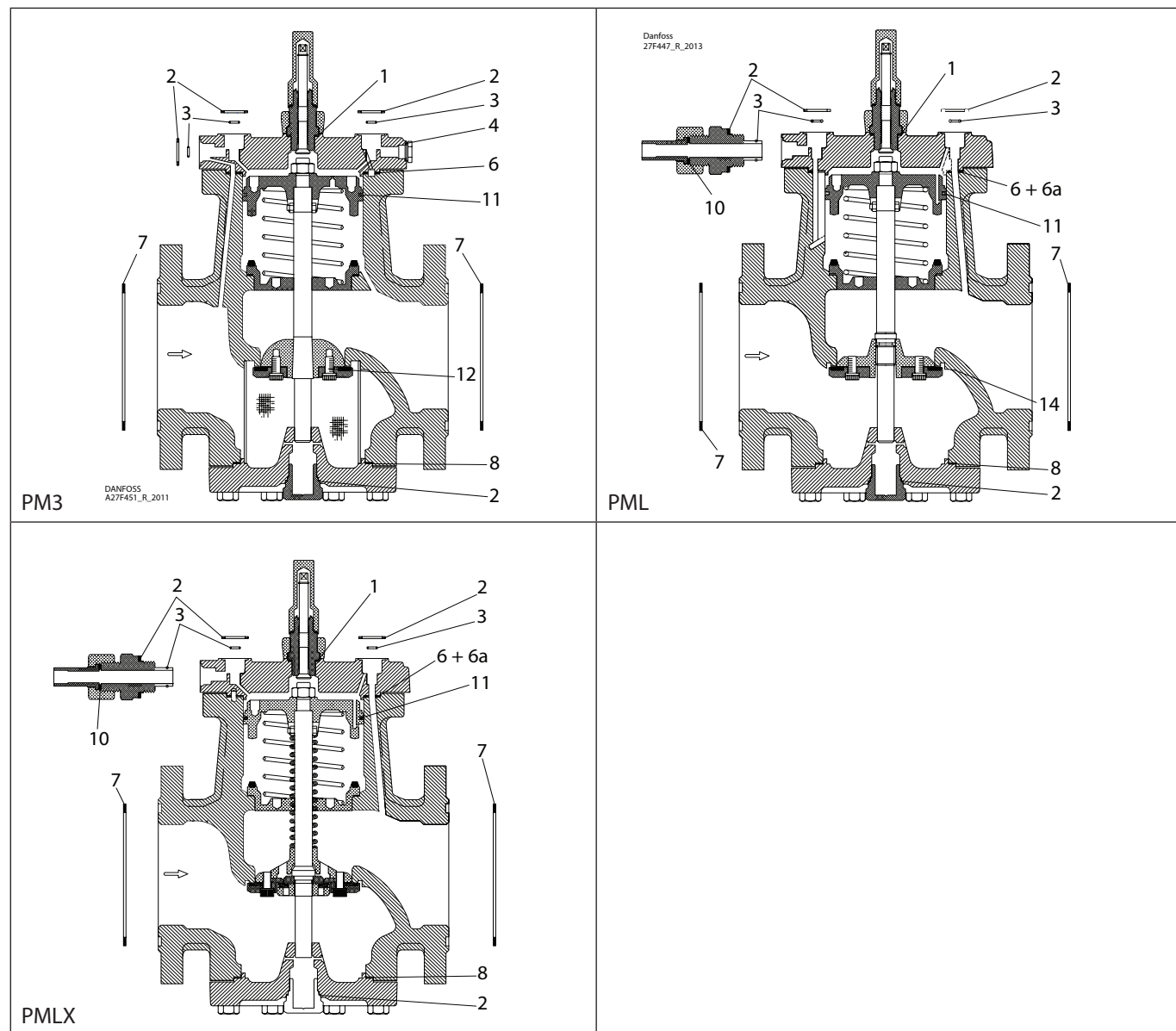
PM, PML/X, MRV, size 65 | MEV, PMFH, size 500



1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8 = Fibre Ø112 mm Ø4.41" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	11 = Alu. Ø100 mm Ø3.94" Total no. = 1	12 = Fibre Ø65 mm Ø2.57" Ø73 mm Ø2.89" Total no. = 1
13 = Alu. Ø42 mm Ø1.67" Ø50 mm Ø1.97" Total no. = 1	14 = Alu. Ø76 mm Ø3.01" Ø86 mm Ø3.38" Total no. = 1				

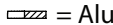
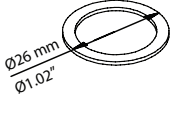
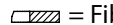
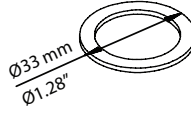
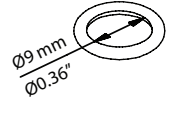
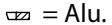
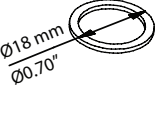
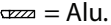
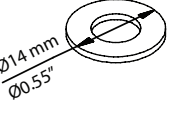
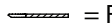
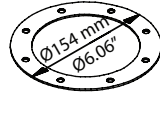
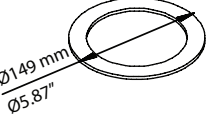
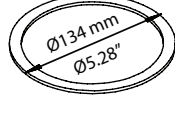
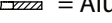
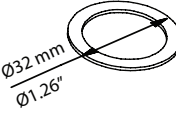
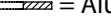
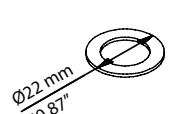
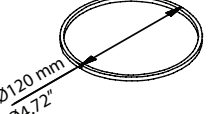
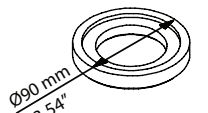
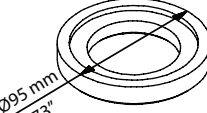
Data sheet – Spare parts and accessories

Repair kit | Code number 027F3156
PM, PML/X, size 80



Data sheet – Spare parts and accessories

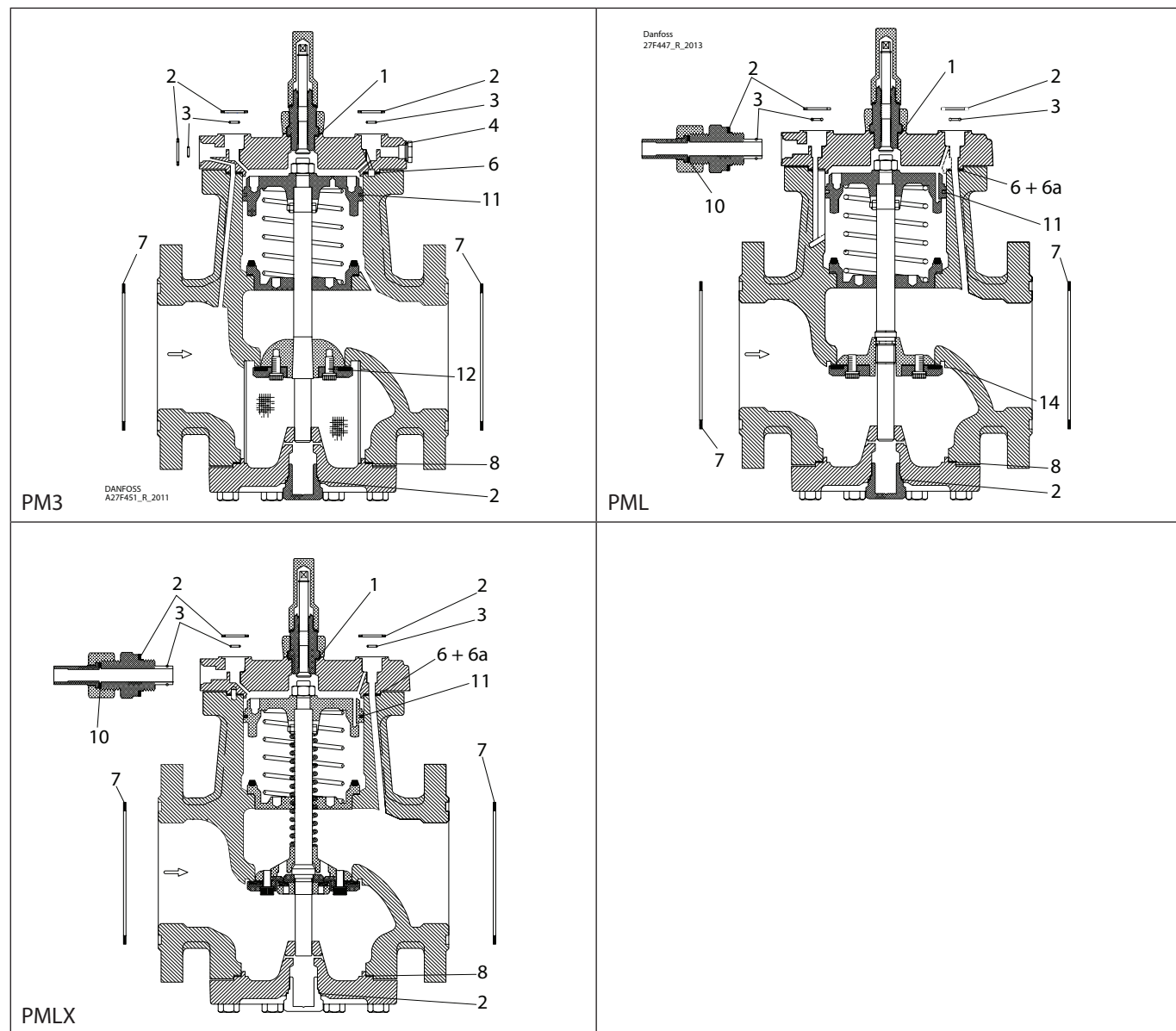
Repair kit | Code number 027F3156
PM, PML/X, size 80

1  = Alu.  Ø26 mm Ø1.02" Total no. = 1	2  = Fibre  Ø33 mm Ø1.28" Total no. = 4	3   Ø9 mm Ø0.36" Total no. = 3	4  = Alu.  Ø18 mm Ø0.70" Total no. = 1	5*  = Alu.  Ø14 mm Ø0.55" Total no. = 1	6  = Fibre  Ø154 mm Ø6.06" Total no. = 1
6a  = Fibre  Ø154 mm Ø6.06" Total no. = 1	7  = Fibre  Ø149 mm Ø5.87" Total no. = 2	8*  = Fibre  Ø134 mm Ø5.28" Total no. = 1	9  = Alu.  Ø32 mm Ø1.26" Total no. = 1	10  = Alu.  Ø22 mm Ø0.87" Total no. = 1	11   Ø120 mm Ø4.72" Total no. = 1
12   Ø90 mm Ø3.54" Total no. = 1	14   Ø95 mm Ø3.73" Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 80.

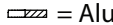
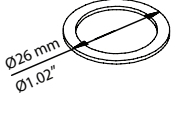
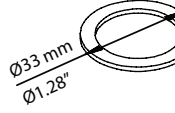
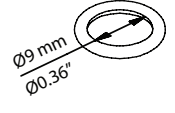
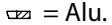
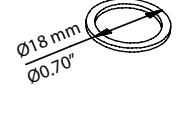
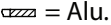
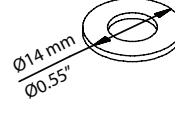
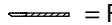
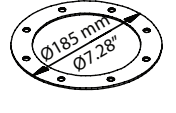
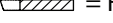
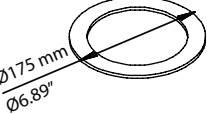
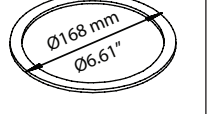
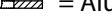
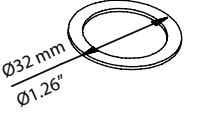
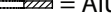
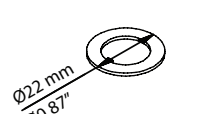
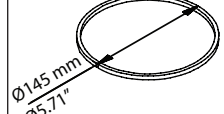
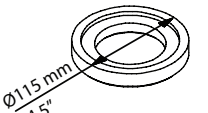
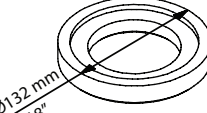
Data sheet – Spare parts and accessories

Repair kit | Code number 027F3157
PM, PML/X, size 100



Data sheet – Spare parts and accessories

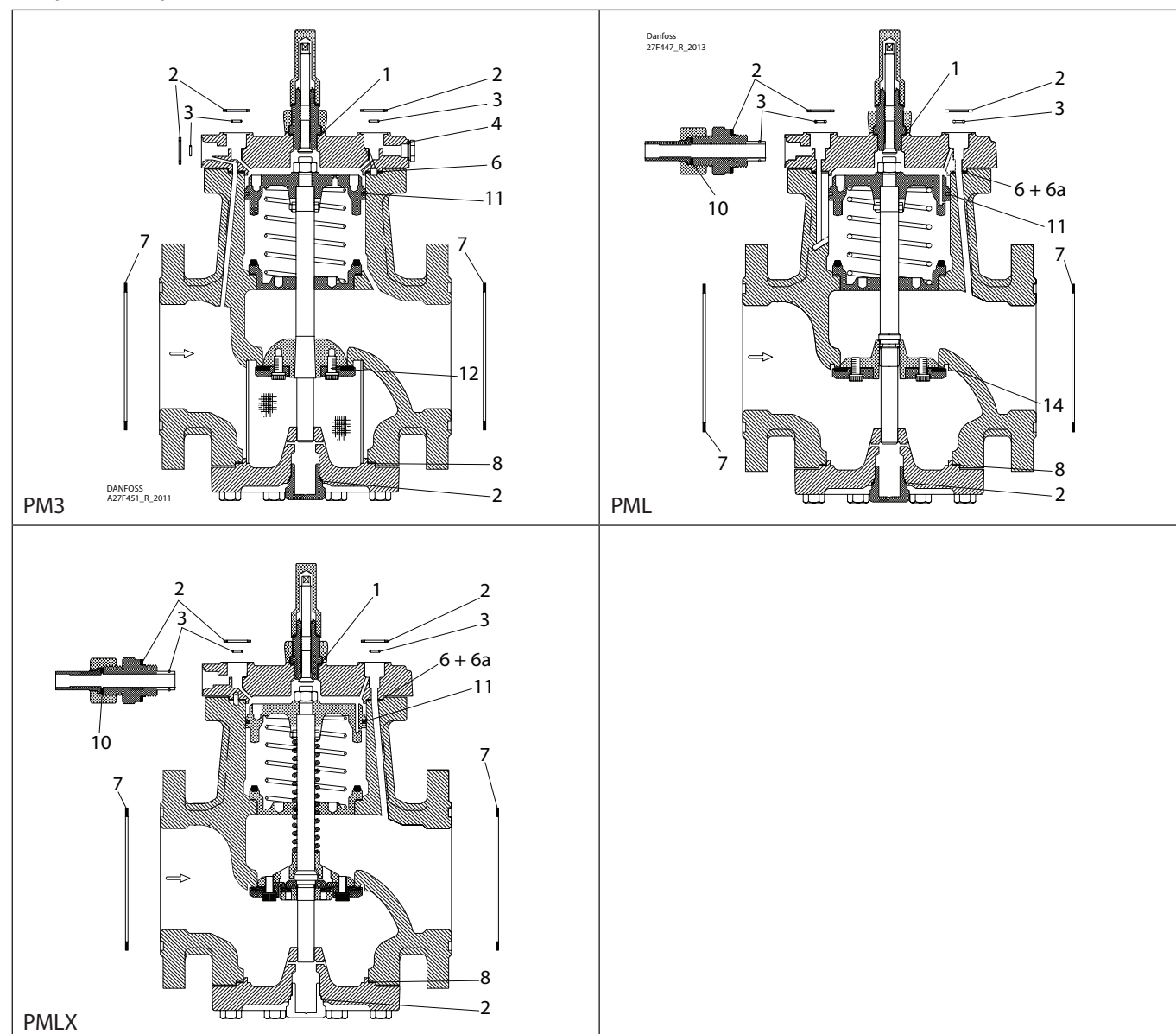
Repair kit | Code number 027F3157
PM, PML/X, size 100

1  = Alu.  Total no. = 1	2  = Fibre  Total no. = 4	3   Total no. = 3	4  = Alu.  Total no. = 1	5*  = Alu.  Total no. = 1	6  = Fibre  Total no. = 1
6a  = Fibre  Total no. = 1	7  = Fibre  Total no. = 2	8*  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10  = Alu.  Total no. = 1	11   Total no. = 1
12   Total no. = 1	14   Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 100.

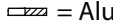
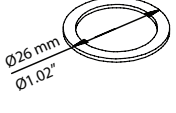
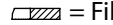
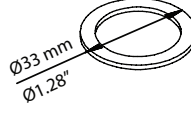
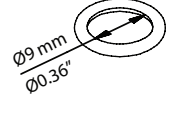
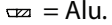
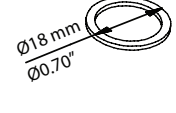
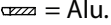
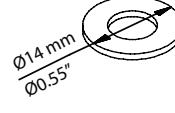
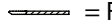
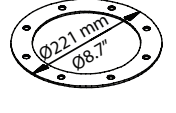
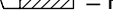
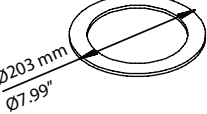
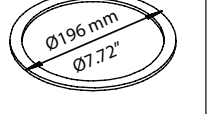
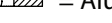
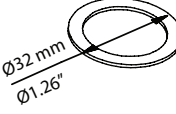
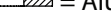
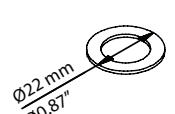
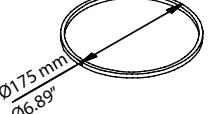
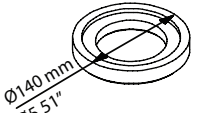
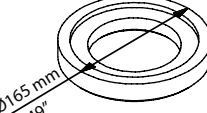
Data sheet – Spare parts and accessories

Repair kit | Code number 027F3158
PM, PML/X, size 125



Data sheet – Spare parts and accessories

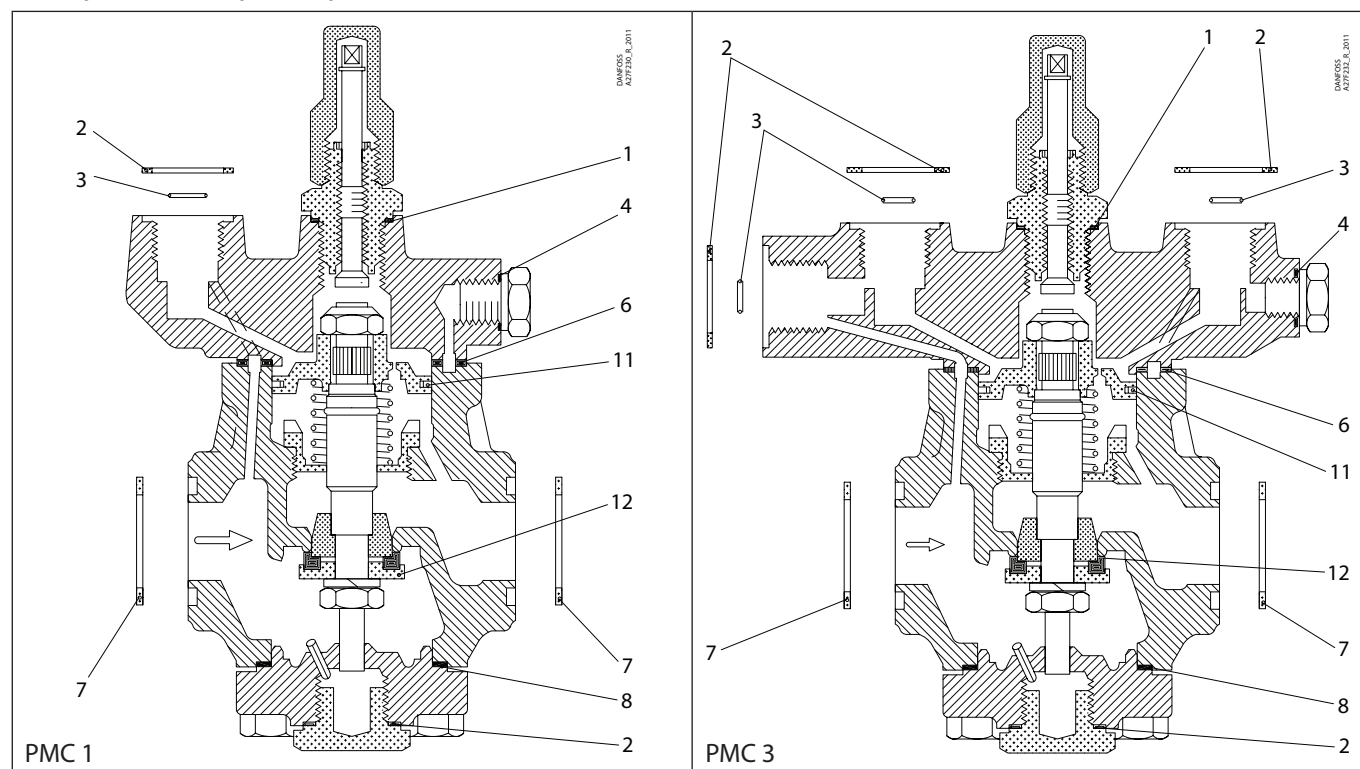
Repair kit | Code number 027F3158
PM, PML/X, size 125

1  = Alu.  Total no. = 1	2  = Fibre  Total no. = 4	3   Total no. = 3	4  = Alu.  Total no. = 1	5*  = Alu.  Total no. = 1	6  = Fibre  Total no. = 1
6a  = Fibre  Total no. = 1	7  = Fibre  Total no. = 2	8*  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10  = Alu.  Total no. = 1	11   Total no. = 1
12   Total no. = 1	14   Total no. = 1				

* The spare part is included in the package but is not used for PM, PML/X 125.

Data sheet – Spare parts and accessories

Repair kit | Code number 027F0555
PMC, size 20-5, 20-8, 20-12 and 20-20

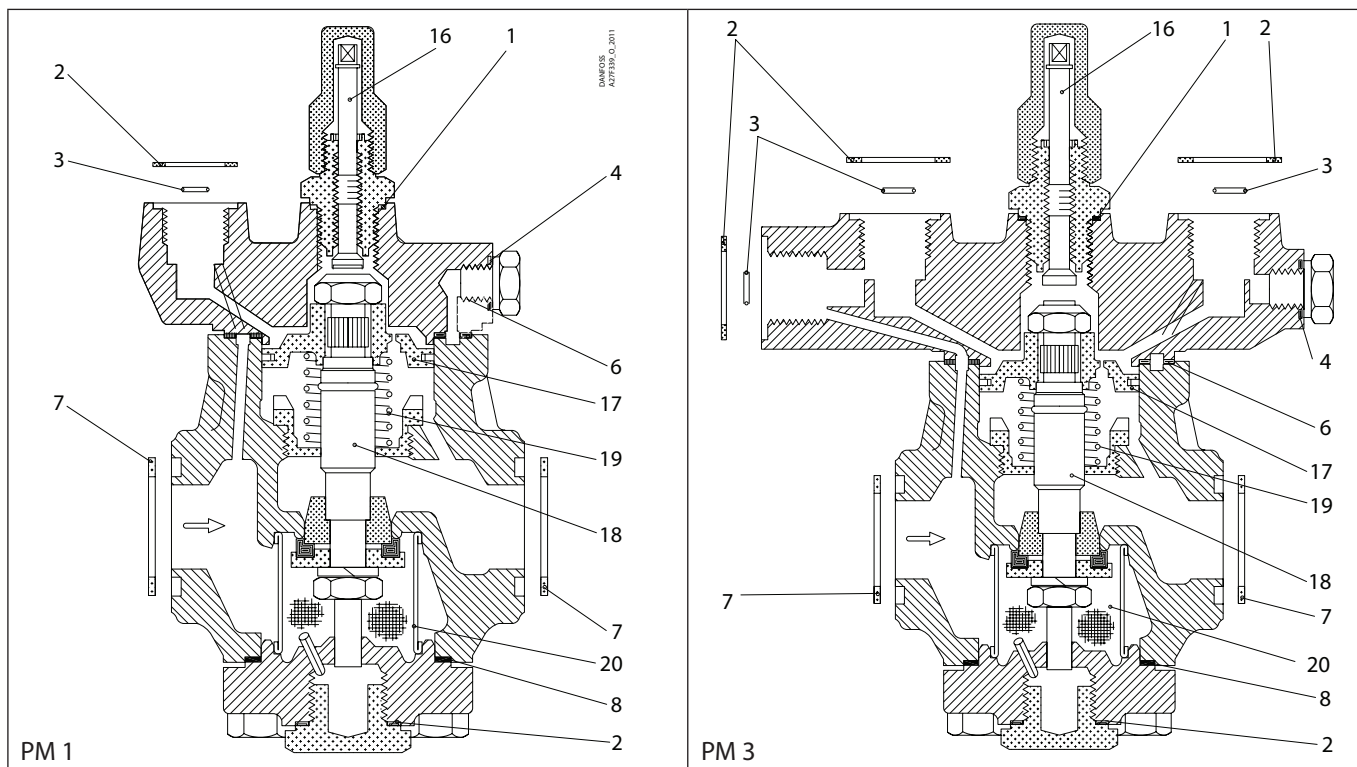


1 $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7 $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8 $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	11 $\varnothing 50 \text{ mm}$ $\varnothing 1.97''$ Total no. = 1	12 $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1

* The spare part is included in the package but is not used for PMC 1 and 3.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3370
PM, size 20

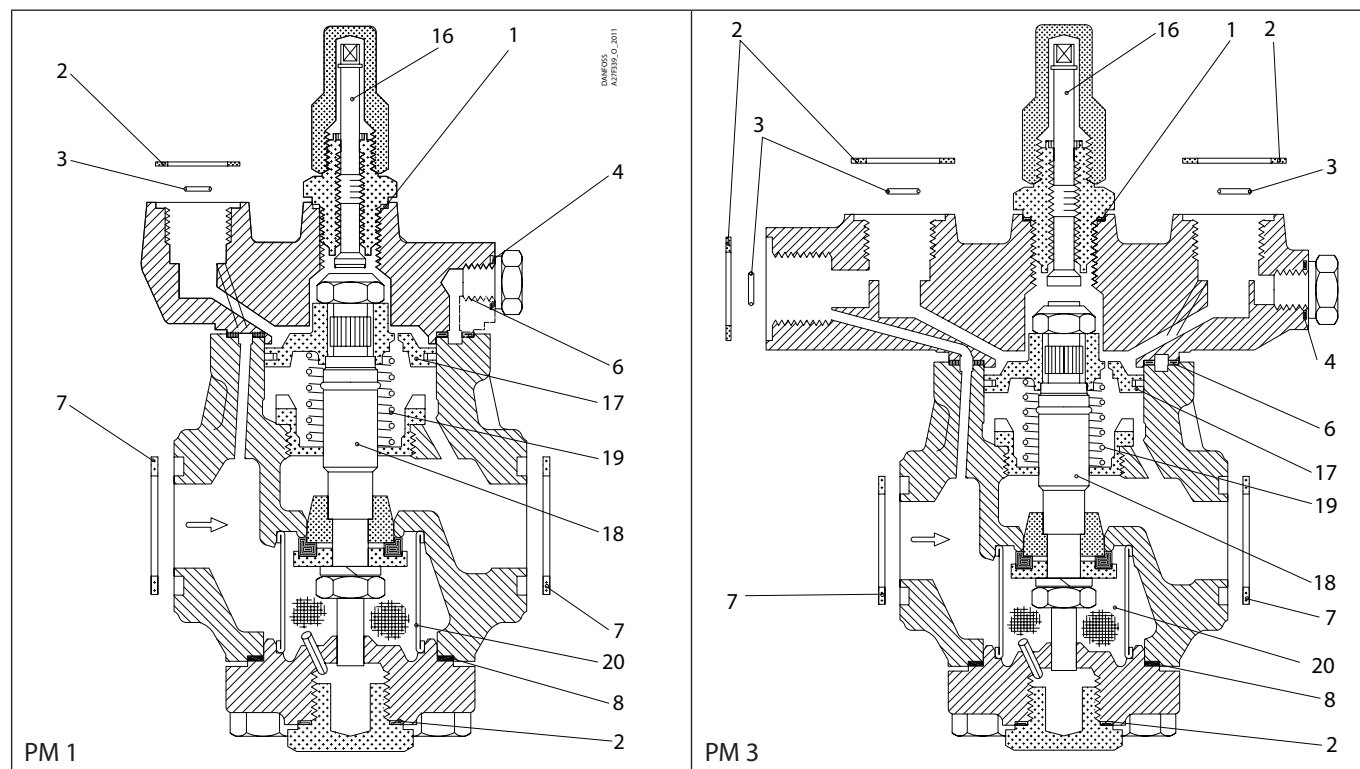


1 $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7 $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8 $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 50 \text{ mm}$ $\varnothing 1.97''$
18 15 mm 0.59"	19 $\varnothing 26 \text{ mm}$ $\varnothing 1.04''$ Total no. = 1	20 $\varnothing 44 \text{ mm}$ $\varnothing 1.73''$ Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3371
PM, size 25



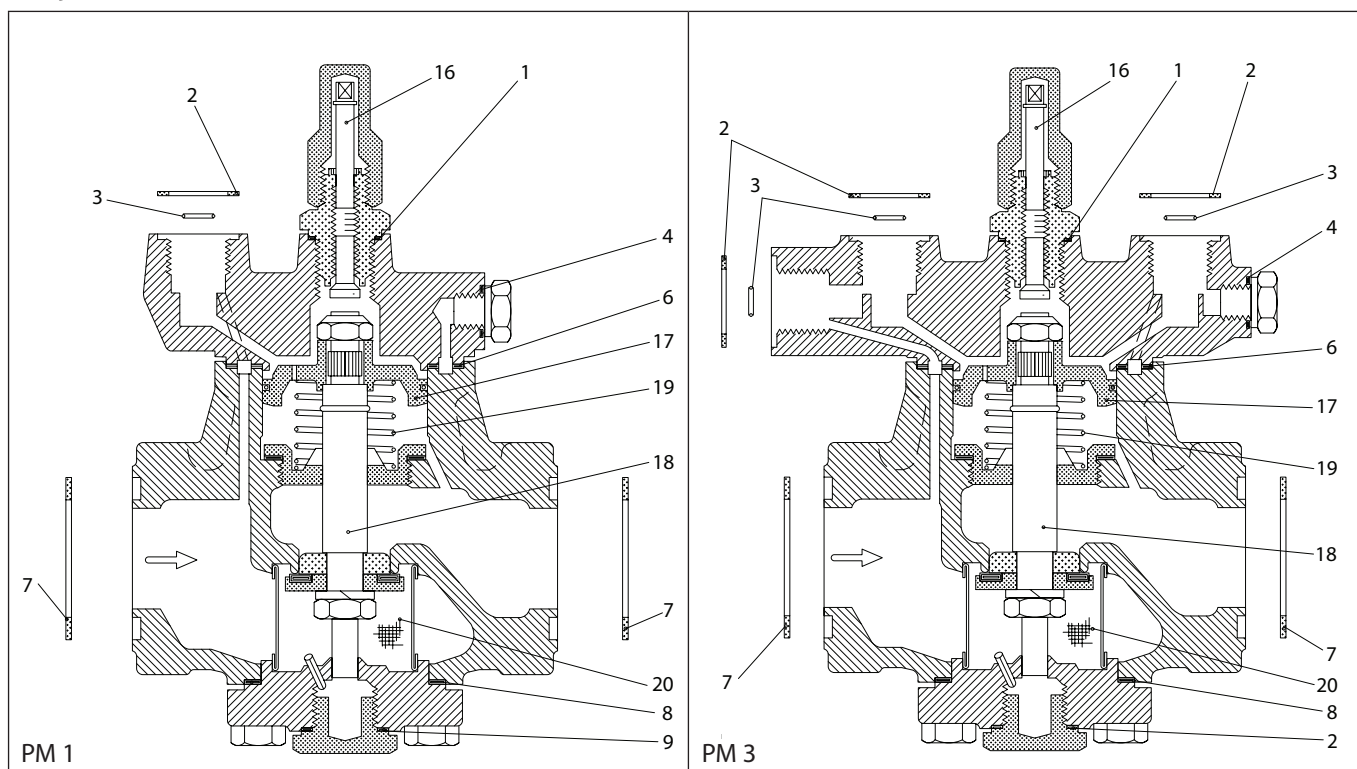
1 $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7 $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8 $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 50 \text{ mm}$ $\varnothing 1.97''$
18 11 mm 0.43"	19 $\varnothing 26 \text{ mm}$ $\varnothing 1.04''$ Total no. = 1	20 $\varnothing 44 \text{ mm}$ $\varnothing 1.73''$ Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3373

PM, size 32 - standard cone

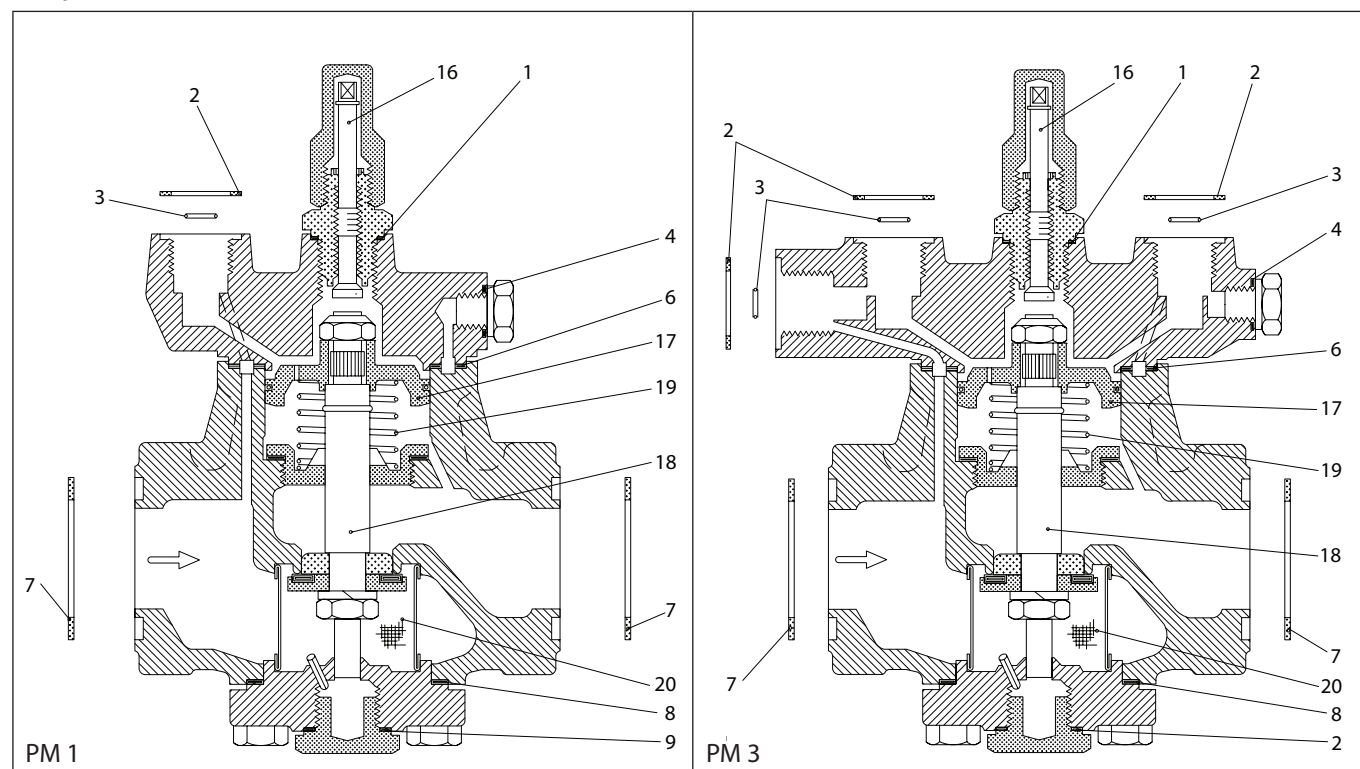


1 Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3 Alu. Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø85 mm Ø3.35" Total no. = 1
7 Fibre Ø58 mm Ø2.28" Total no. = 2	8 Fibre Ø70 mm Ø2.76" Total no. = 1	9 Alu. Ø32 mm Ø1.26" Total no. = 1	10* Alu. Ø22 mm Ø0.87" Total no. = 1	16	17 Ø60 mm Ø2.36"
18 Ø32 mm Ø1.26"	19 Ø38 mm Ø1.48" Total no. = 1	20 Ø51 mm Ø2.0" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3374
PM, size 40 - standard cone



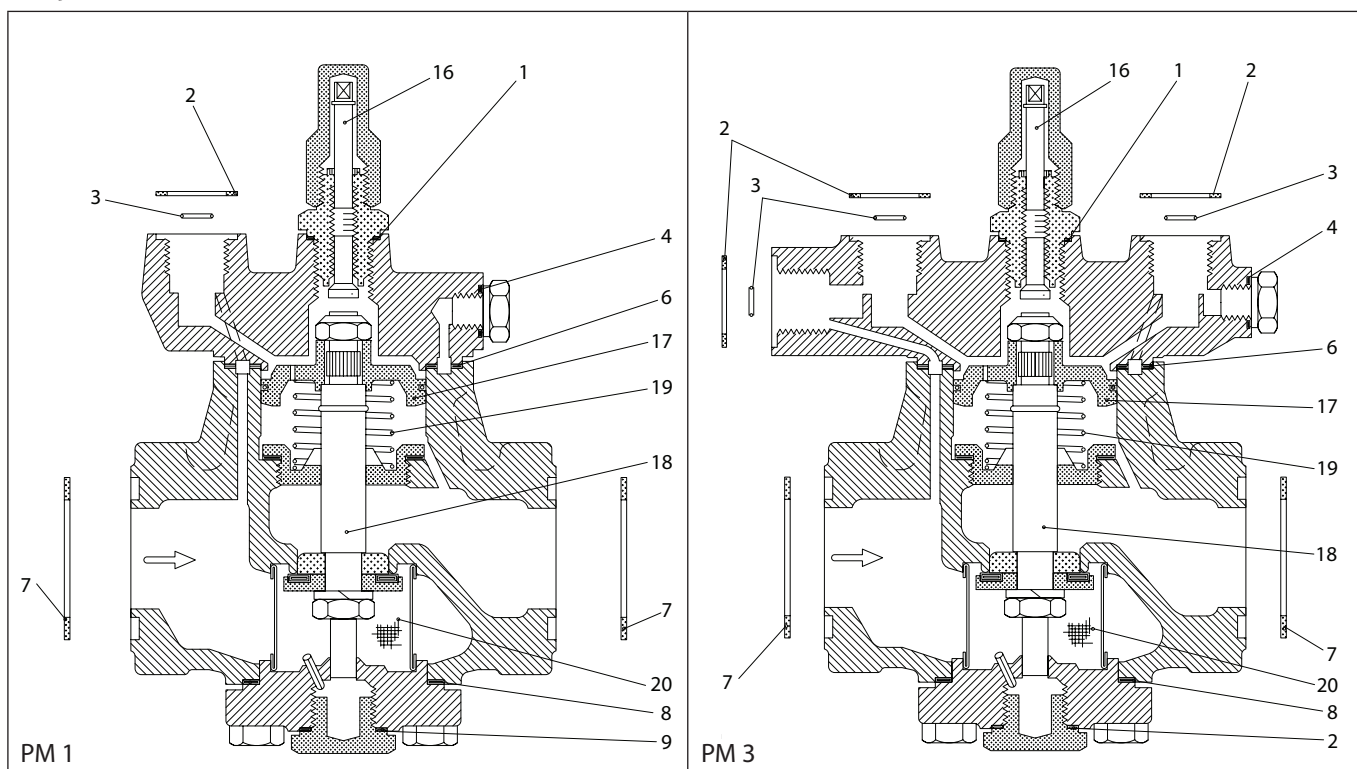
1 $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 93 \text{ mm}$ $\varnothing 3.66''$ Total no. = 1
7 $\varnothing 65 \text{ mm}$ $\varnothing 2.56''$ Total no. = 2	8 $\varnothing 78 \text{ mm}$ $\varnothing 3.07''$ Total no. = 1	9 $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 68 \text{ mm}$ $\varnothing 2.68''$
18 $\varnothing 42 \text{ mm}$ $\varnothing 1.65''$	19 $\varnothing 40 \text{ mm}$ $\varnothing 1.57''$ Total no. = 1	20 $\varnothing 62 \text{ mm}$ $\varnothing 2.44''$ Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3375

PM, size 50 - standard cone

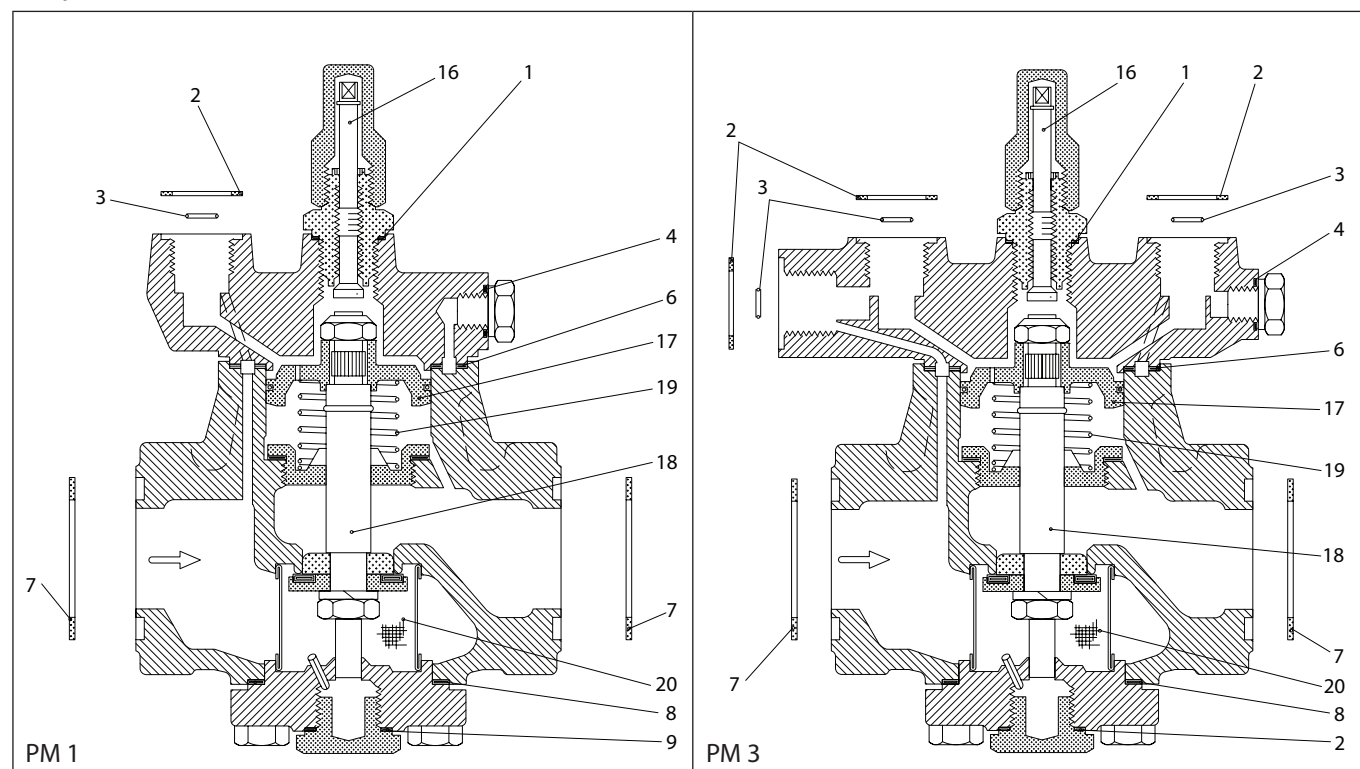


1 Total no. = 1	2 Total no. = 4	3 Total no. = 3	4 Total no. = 1	5* Total no. = 1	6 Total no. = 1
7 Total no. = 2	8 Total no. = 1	9 Total no. = 1	10* Total no. = 1	16 Total no. = 1	17 Total no. = 1
18 Total no. = 1	19 Total no. = 1	20 Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3376
PM, size 65 - standard cone



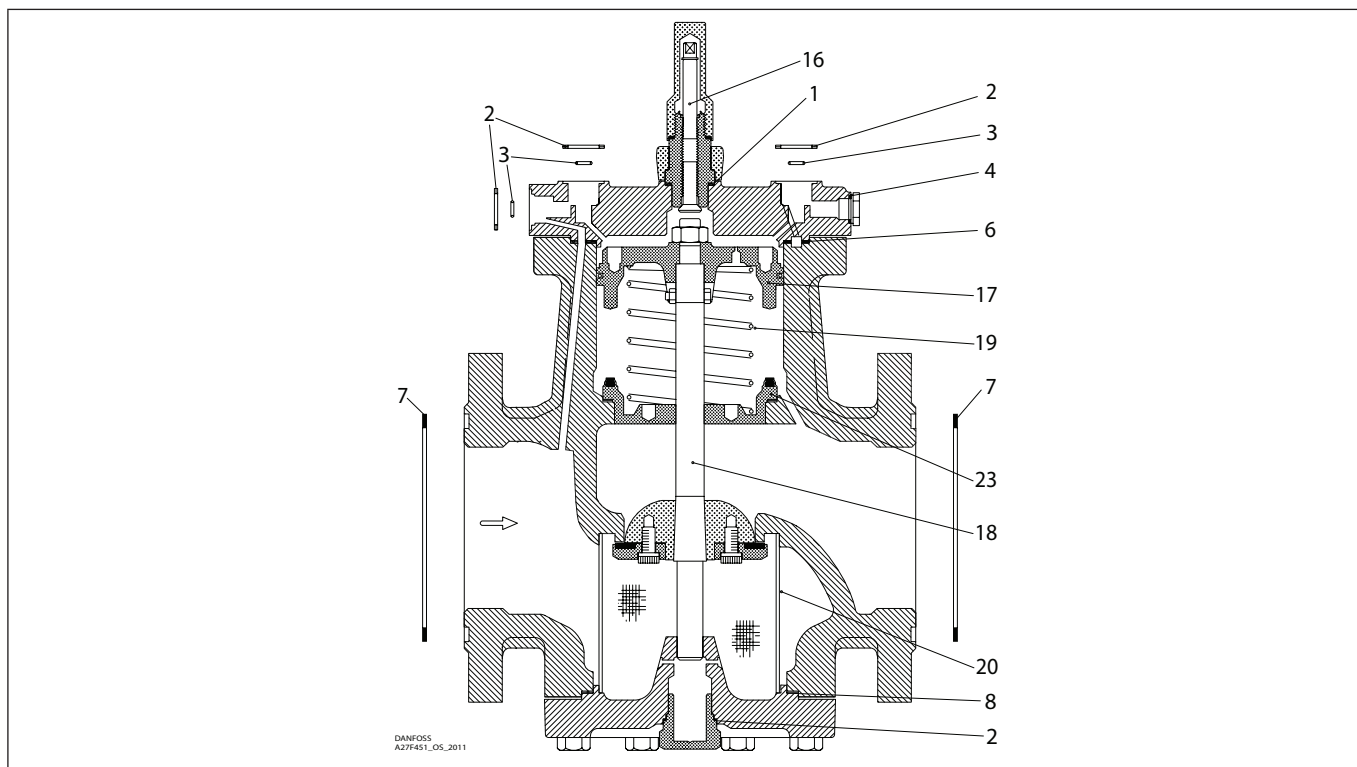
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8 = Fibre Ø112 mm Ø4.41" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 Total no. = 1	17 Ø105 mm Ø4.13" Total no. = 1
18 Ø65 mm Ø2.54" Total no. = 1	19 Ø61 mm Ø2.40" Total no. = 1	20 Ø94 mm Ø3.70" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with standard cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3377

PM, size 80 - standard cone



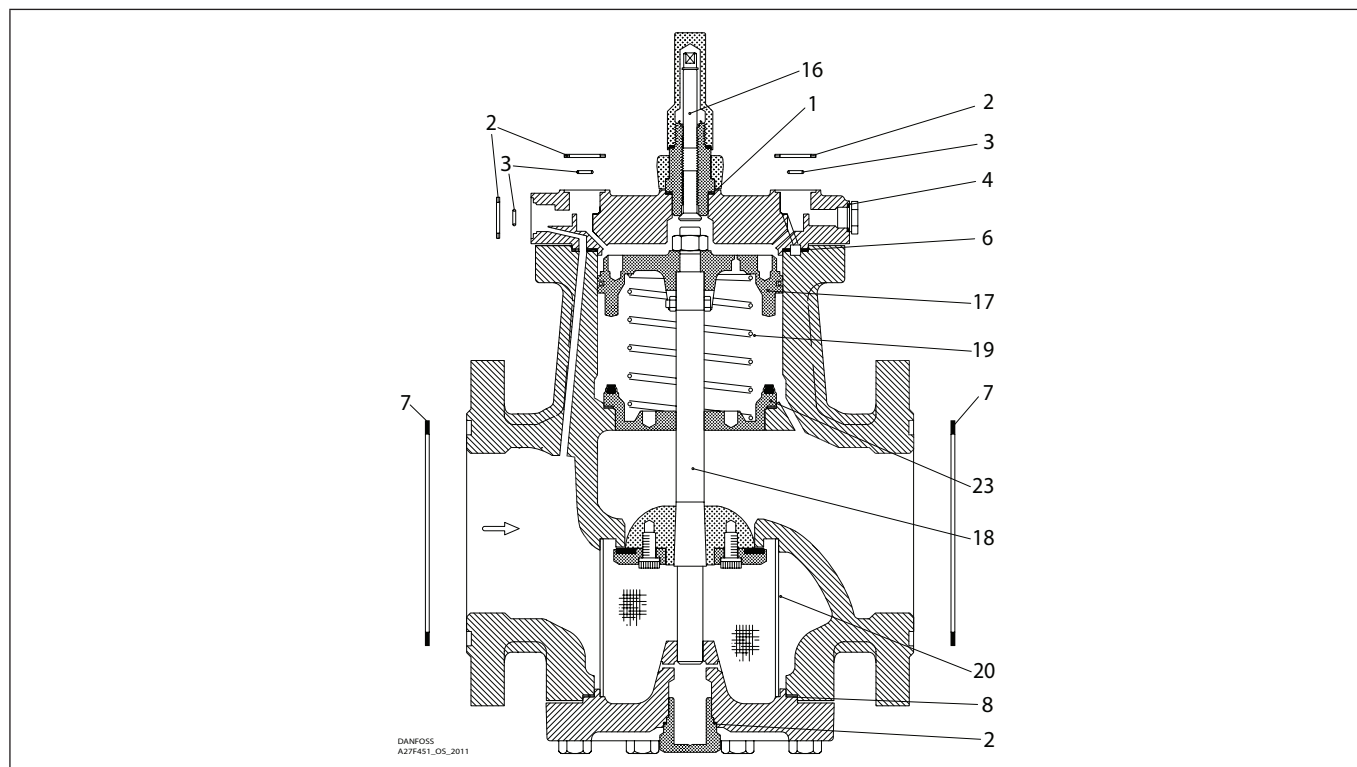
1** $\varnothing 38 \text{ mm}$ $\varnothing 1.5''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 154 \text{ mm}$ $\varnothing 6.06''$ Total no. = 1
7 $\varnothing 149 \text{ mm}$ $\varnothing 5.87''$ Total no. = 2	8 $\varnothing 134 \text{ mm}$ $\varnothing 5.28''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 120 \text{ mm}$ $\varnothing 4.72''$
18 265 mm $10.44''$	19 $\varnothing 80 \text{ mm}$ $\varnothing 3.15''$ Total no. = 1	20 $\varnothing 110 \text{ mm}$ $\varnothing 4.33''$ Total no. = 1	23 $\varnothing 114 \text{ mm}$ $\varnothing 4.49''$		

* The spare part is included in the package but is not used for PM size 80 with standard cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3378
PM, size 100 - standard cone



1** $\varnothing 38 \text{ mm}$ $\varnothing 1.5''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 185 \text{ mm}$ $\varnothing 7.28''$ Total no. = 1
7 $\varnothing 175 \text{ mm}$ $\varnothing 6.89''$ Total no. = 2	8 $\varnothing 168 \text{ mm}$ $\varnothing 6.61''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 145 \text{ mm}$ $\varnothing 4.71''$
18 307 mm $12.09''$	19 $\varnothing 100 \text{ mm}$ $\varnothing 3.94''$ Total no. = 1	20 $\varnothing 141 \text{ mm}$ $\varnothing 4.33''$ Total no. = 1	23 $\varnothing 135 \text{ mm}$ $\varnothing 5.31''$		

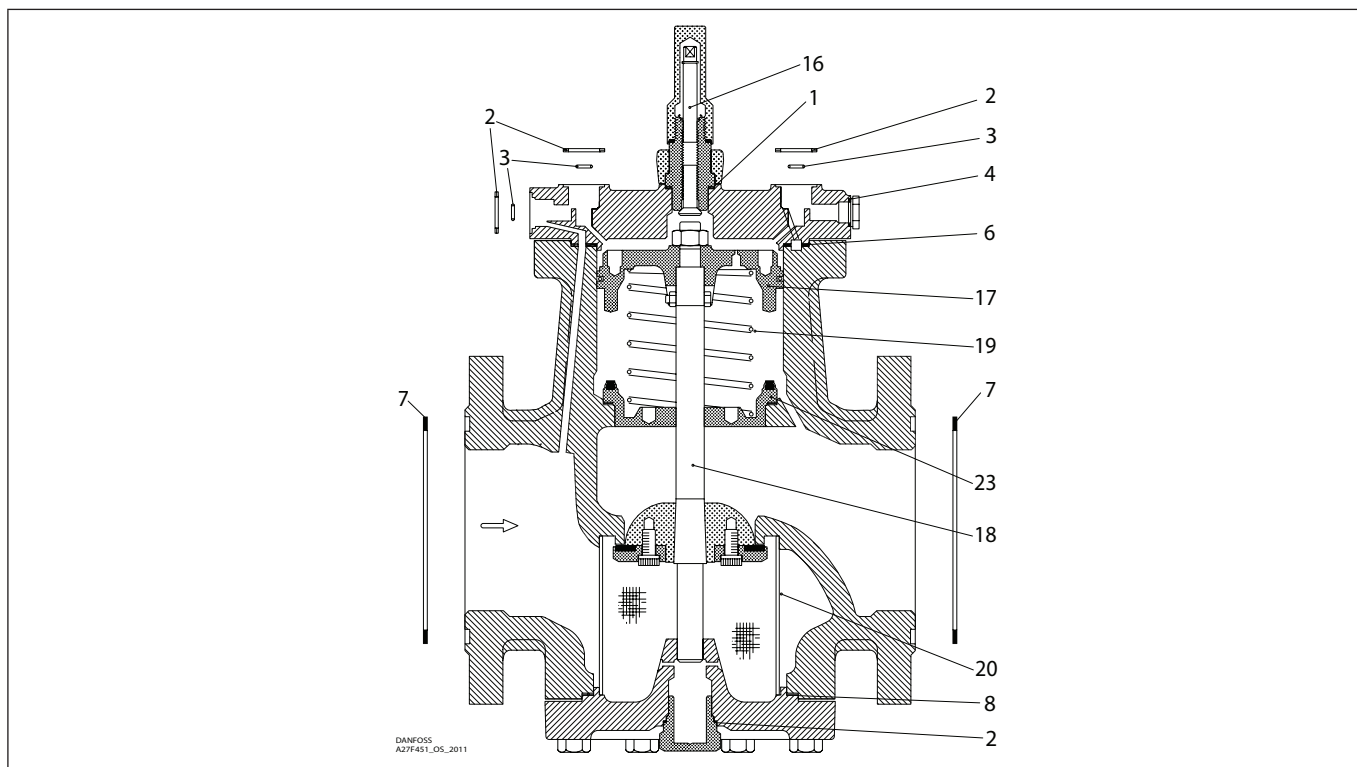
* The spare part is included in the package but is not used for PM size 100 with standard cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3379

PM, size 125 - standard cone



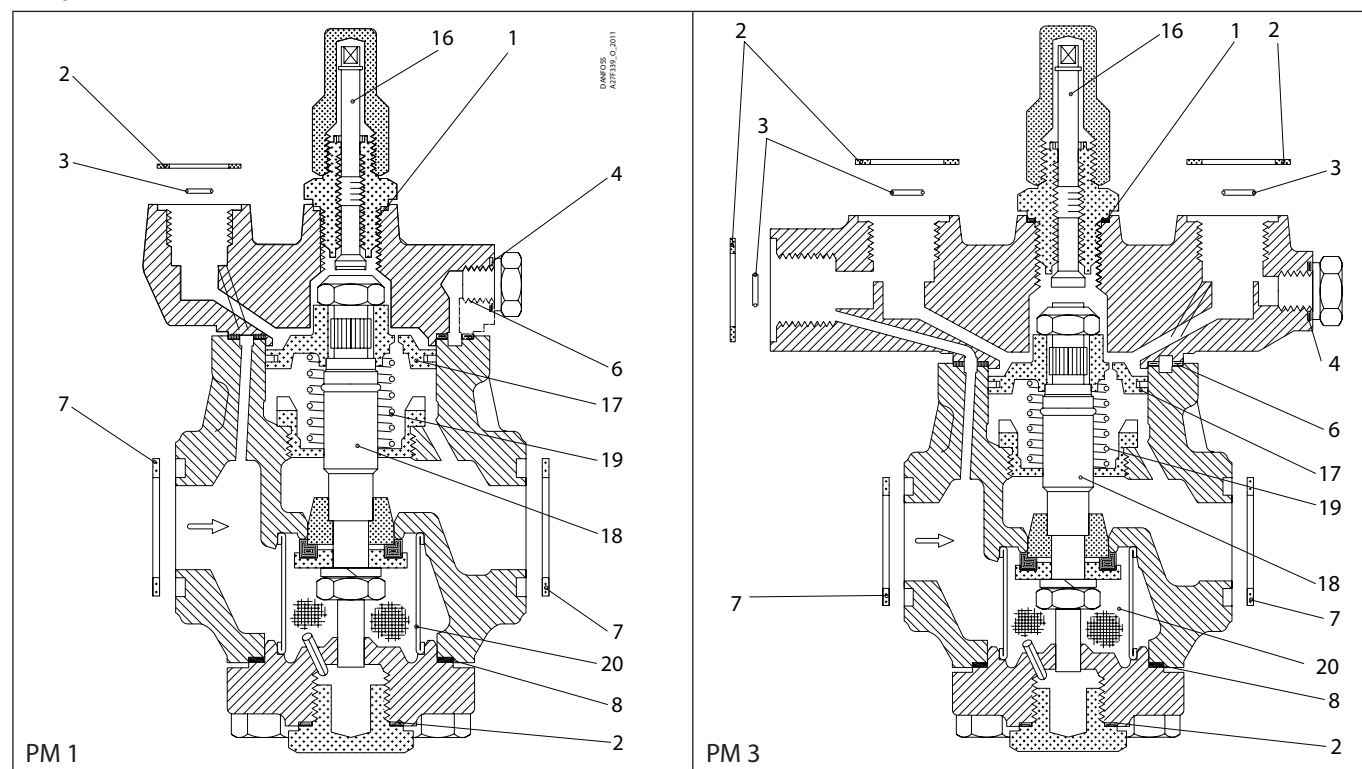
1** = Fibre Ø38 mm Ø1.5" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Fibre Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	8 = Fibre Ø196 mm Ø7.72" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 = Alu.	17 Ø175 mm Ø6.89"
18 386 mm 15.21"	19 Ø125 mm Ø4.92" Total no. = 1	20 Ø165 mm Ø6.5" Total no. = 1	23 Ø160 mm Ø6.3"		

* The spare part is included in the package but is not used for PM size 125 with standard cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3380
PM, size 5



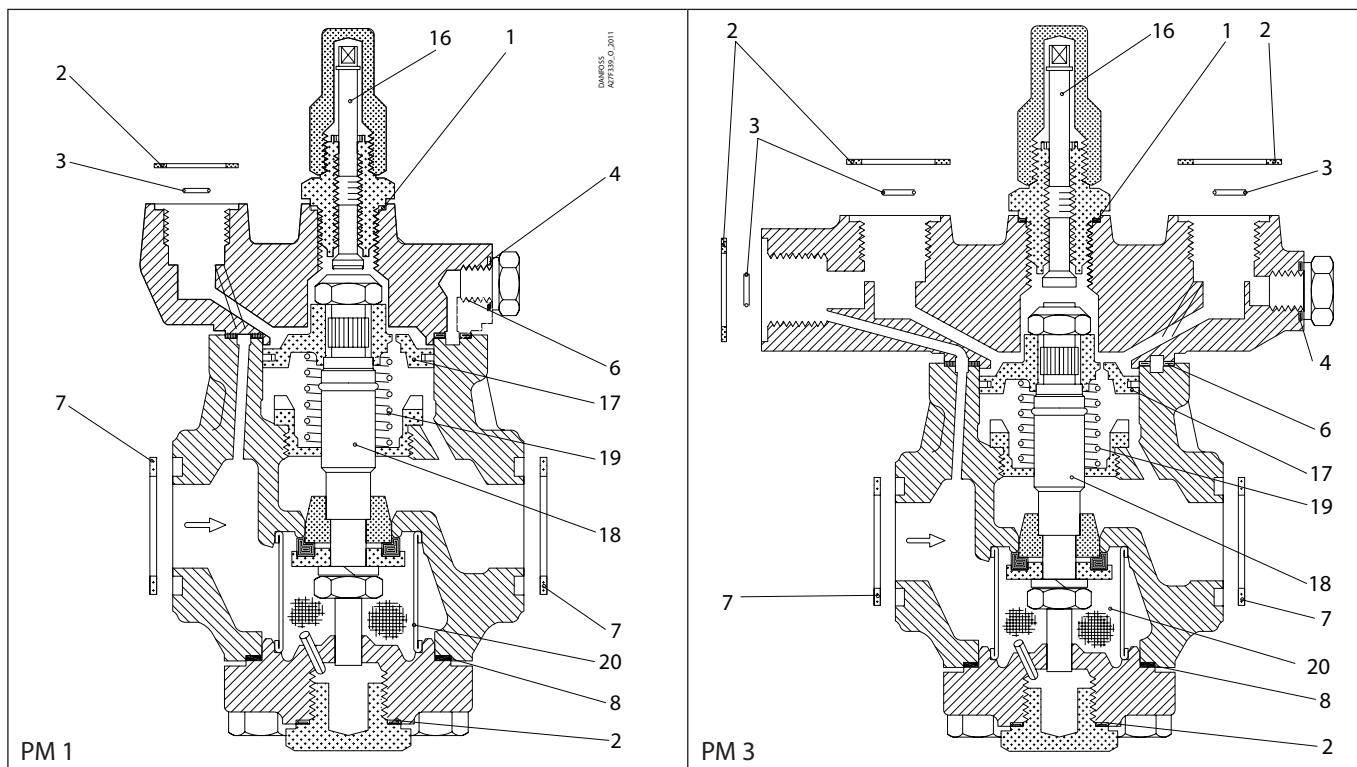
1 Alu. Total no. = 1	2 Fibre Total no. = 4	3 Alu. Total no. = 3	4 Alu. Total no. = 1	5* Alu. Total no. = 1	6 Fibre Total no. = 1
7 Fibre Total no. = 2	8 Fibre Total no. = 1	9* Alu. Total no. = 1	10* Alu. Total no. = 1	16 	17
18 	19 Total no. = 1	20 Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3381

PM, size 10

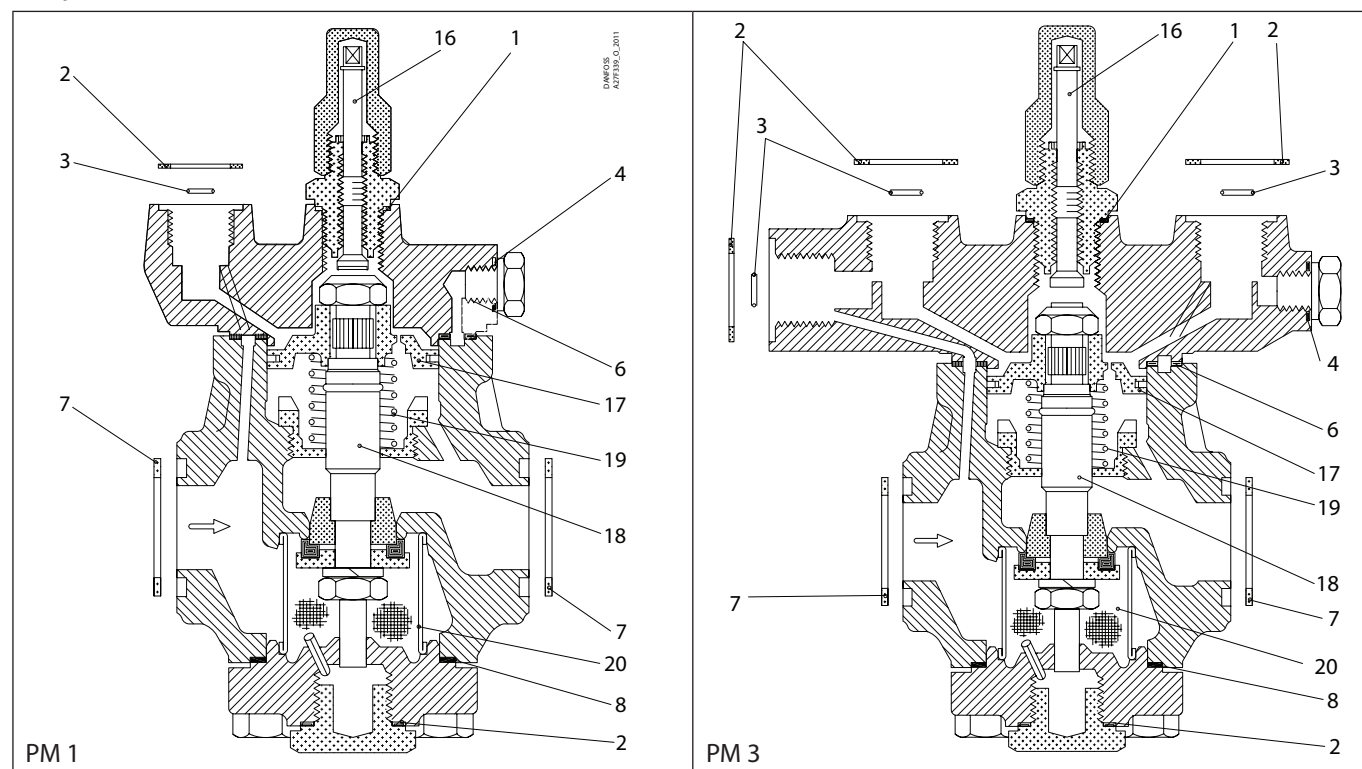


1 = Alu. $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 = Fibre $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 = Alu. $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 = Alu. $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* = Alu. $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 = Fibre $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7 = Fibre $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8 = Fibre $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9* = Alu. $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* = Alu. $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 50 \text{ mm}$ $\varnothing 1.97''$
18 	19 $\varnothing 26 \text{ mm}$ $\varnothing 1.04''$ Total no. = 1	20 $\varnothing 44 \text{ mm}$ $\varnothing 1.73''$ Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3382
PM, size 15



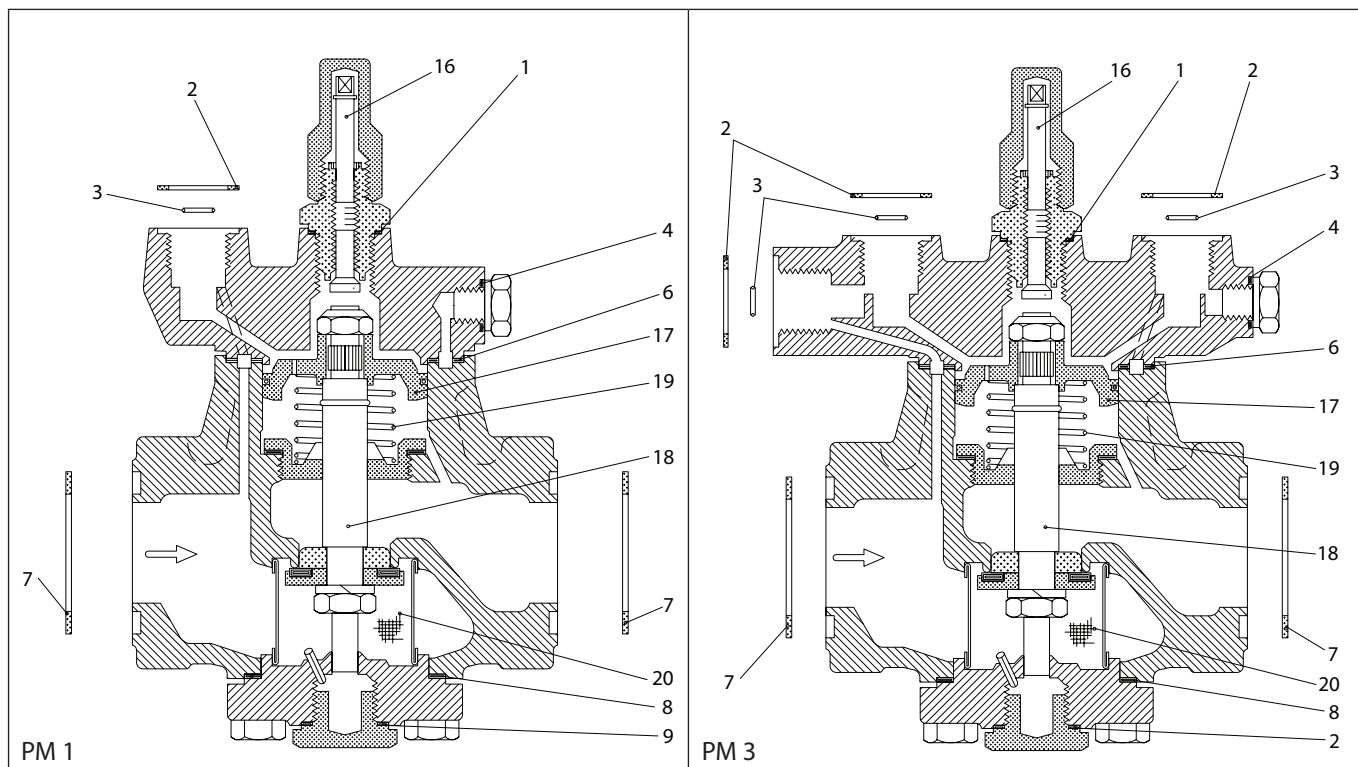
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø26 mm Ø1.02"	19 Ø26 mm Ø1.04" Total no. = 1	20 Ø44 mm Ø1.73" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3383

PM, size 32 V-cone

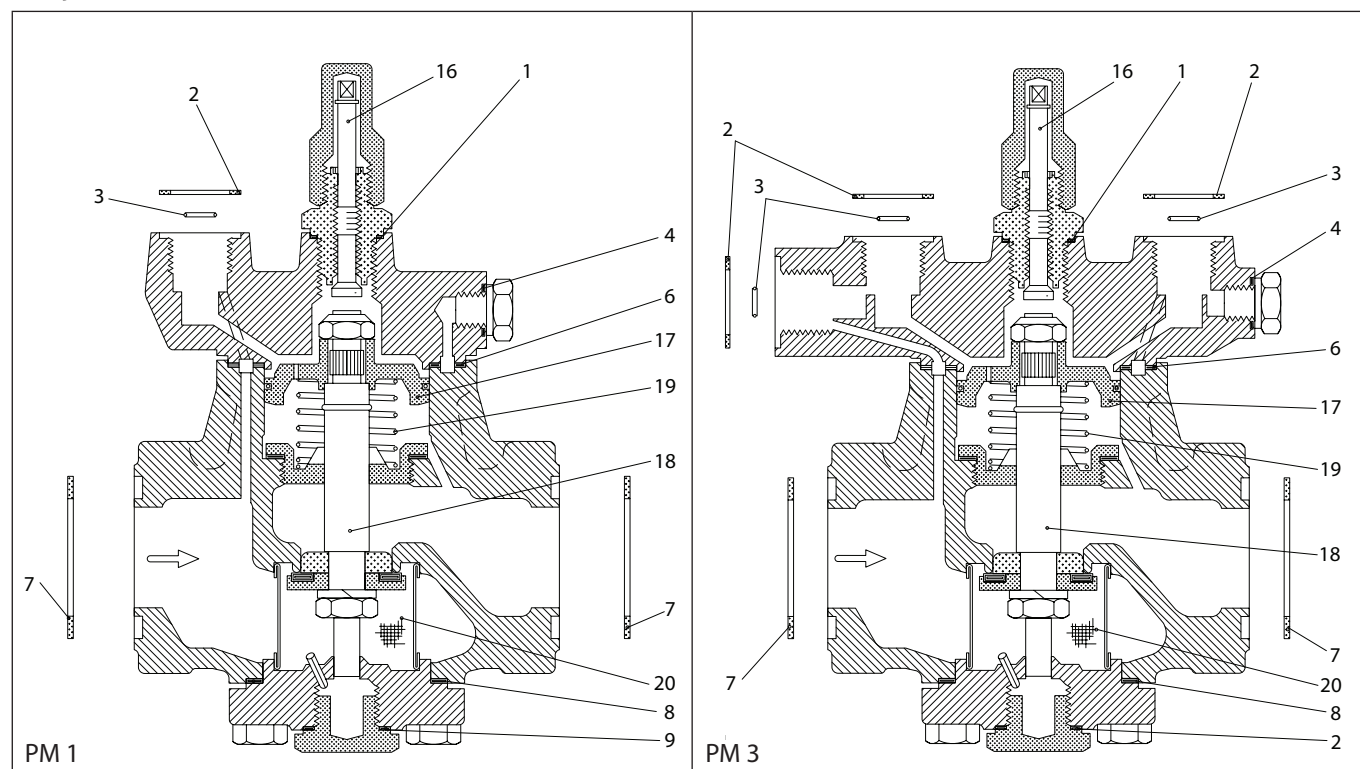


1 Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3 Alu. Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø85 mm Ø3.35" Total no. = 1
7 Fibre Ø58 mm Ø2.28" Total no. = 2	8 Fibre Ø70 mm Ø2.76" Total no. = 1	9 Alu. Ø32 mm Ø1.26" Total no. = 1	10* Alu. Ø22 mm Ø0.87" Total no. = 1	16 Alu. Ø32 mm Ø1.26" Total no. = 1	17 Alu. Ø60 mm Ø2.36" Total no. = 1
18 Alu. Ø32 mm Ø1.26" Total no. = 1	19 Alu. Ø38 mm Ø1.48" Total no. = 1	20 Alu. Ø51 mm Ø2.0" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3384
PM, size 40 V-cone



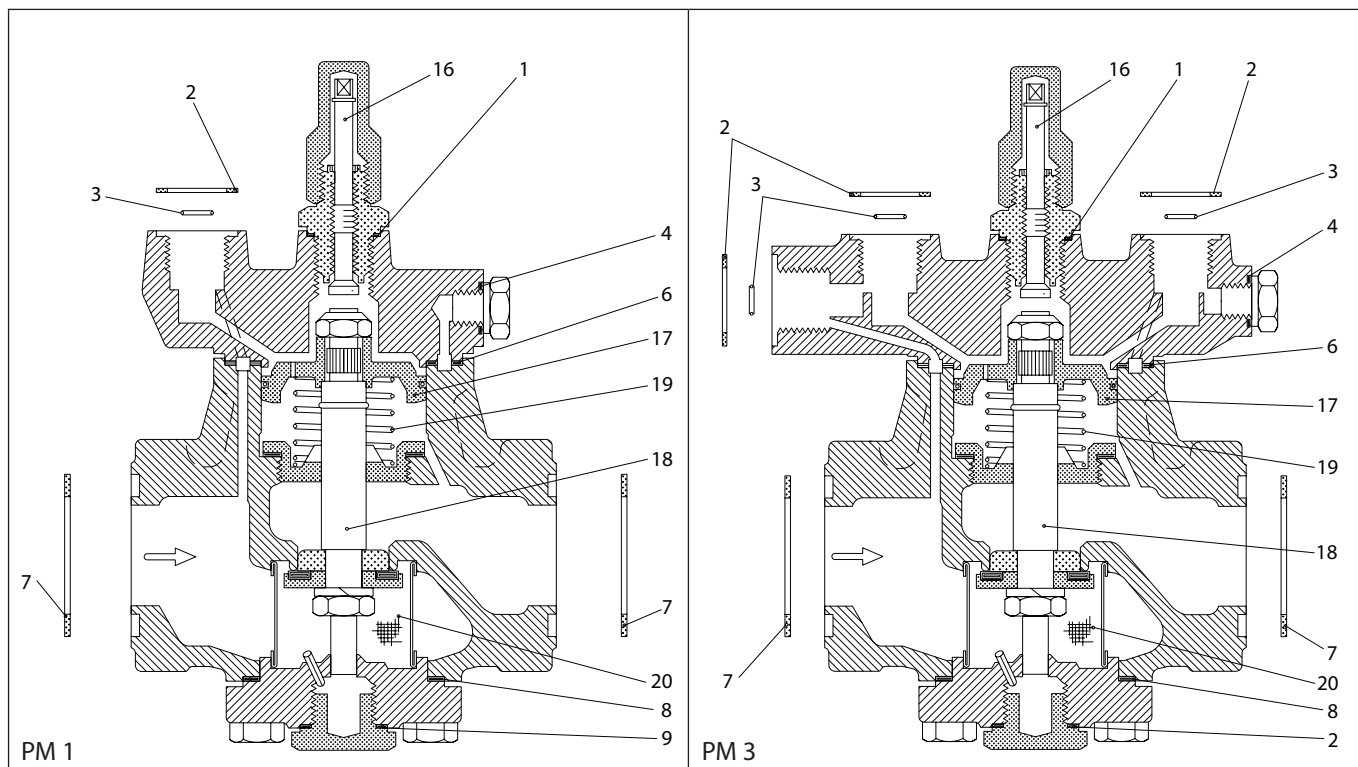
1 = Alu. $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 = Fibre $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 = Alu. $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 = Alu. $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* = Alu. $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 = Fibre $\varnothing 93 \text{ mm}$ $\varnothing 3.66''$ Total no. = 1
7 = Fibre $\varnothing 65 \text{ mm}$ $\varnothing 2.56''$ Total no. = 2	8 = Fibre $\varnothing 78 \text{ mm}$ $\varnothing 3.07''$ Total no. = 1	9 = Alu. $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* = Alu. $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 = Alu.	17 $\varnothing 68 \text{ mm}$ $\varnothing 2.68''$
18 $\varnothing 42 \text{ mm}$ $\varnothing 1.65''$	19 $\varnothing 40 \text{ mm}$ $\varnothing 1.57''$ Total no. = 1	20 $\varnothing 62 \text{ mm}$ $\varnothing 2.44''$ Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3385

PM, size 50 V-cone

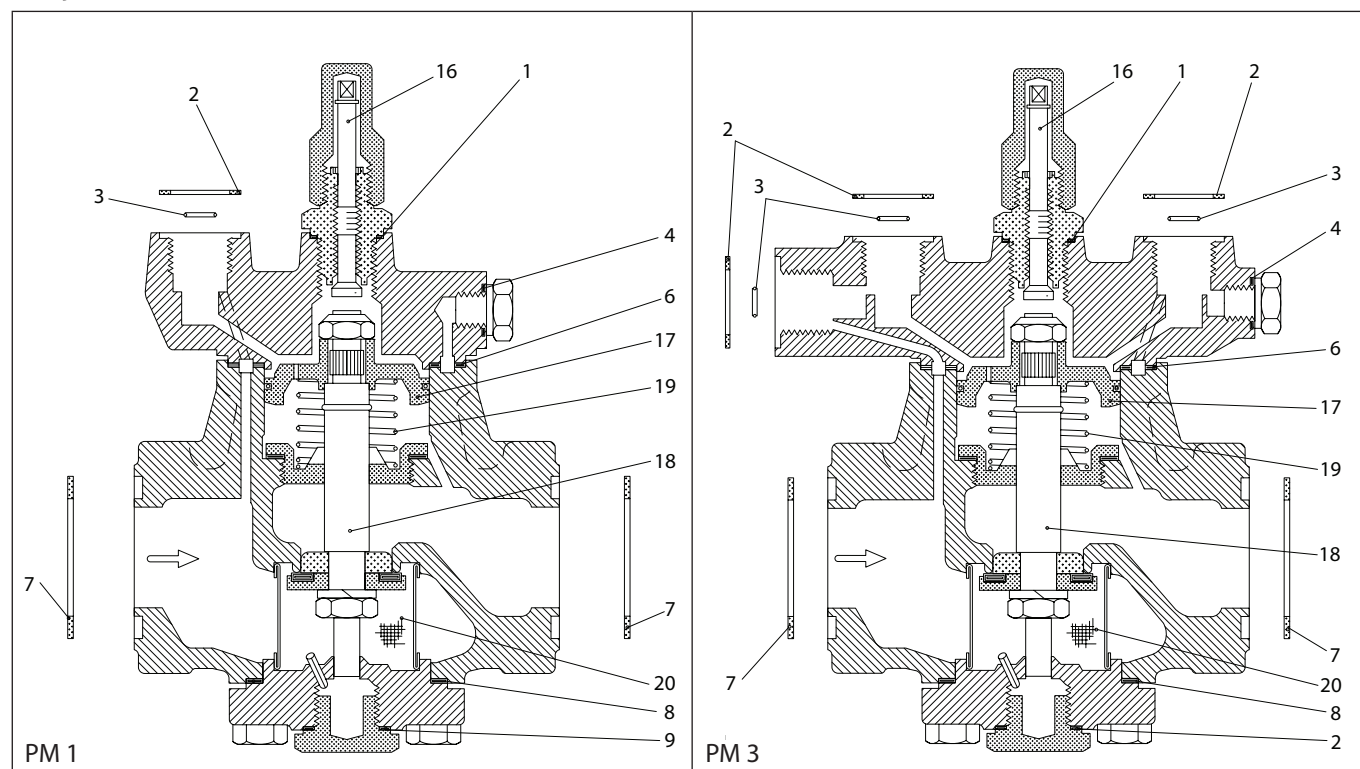


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	8 = Fibre Ø92 mm Ø3.62" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 = Alu. Ø50 mm Ø1.97"	17 = Fibre Ø85 mm Ø3.35"
18 = Alu. Ø50 mm Ø1.97"	19 = Fibre Ø49 mm Ø1.93" Total no. = 1	20 = Alu. Ø74 mm Ø2.91" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3386
PM, size 65 V-cone

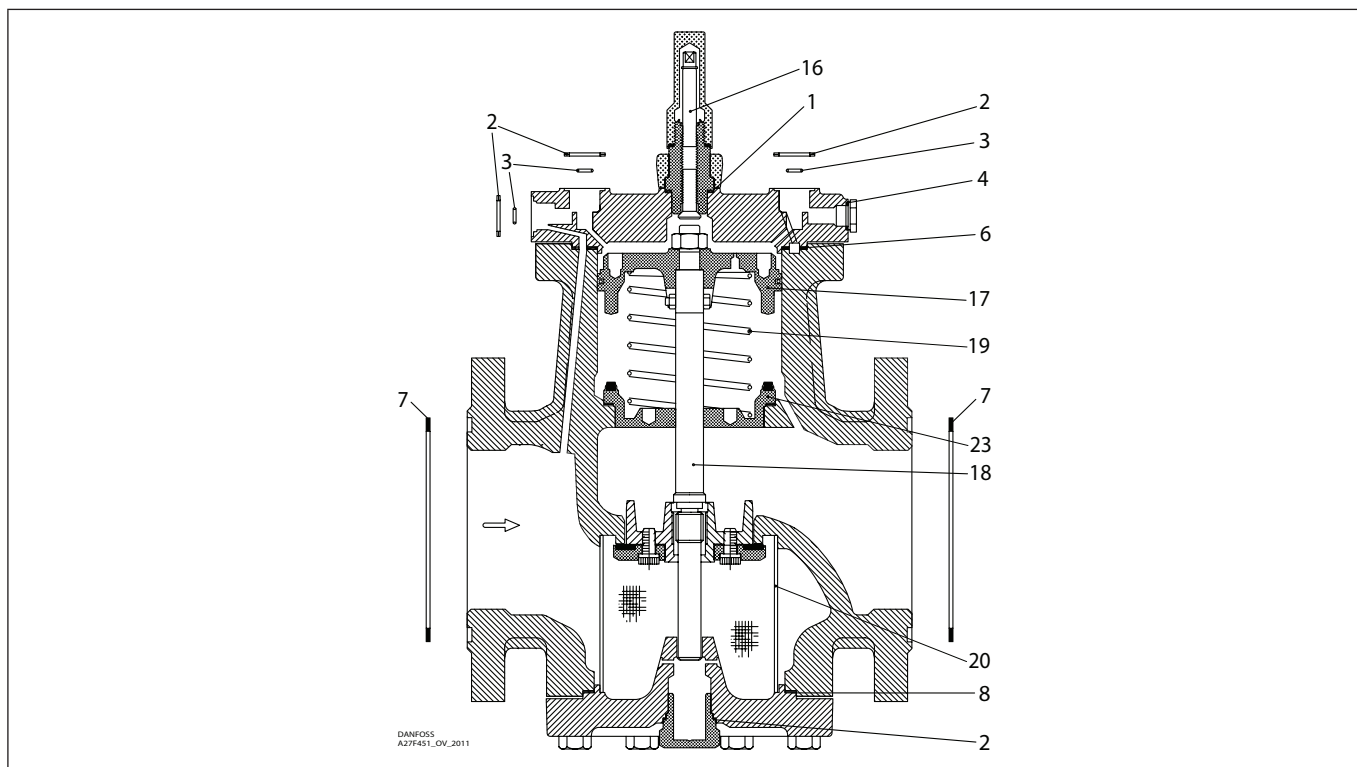


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8 = Fibre Ø112 mm Ø4.41" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø105 mm Ø4.13"
18 Ø65 mm Ø2.54"	19 Ø61 mm Ø2.40" Total no. = 1	20 Ø94 mm Ø3.70" Total no. = 1			

* The spare part is included in the package but is not used for PM 1 or PM 3 with V-cone.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3387
PM, size 80 - V-cone



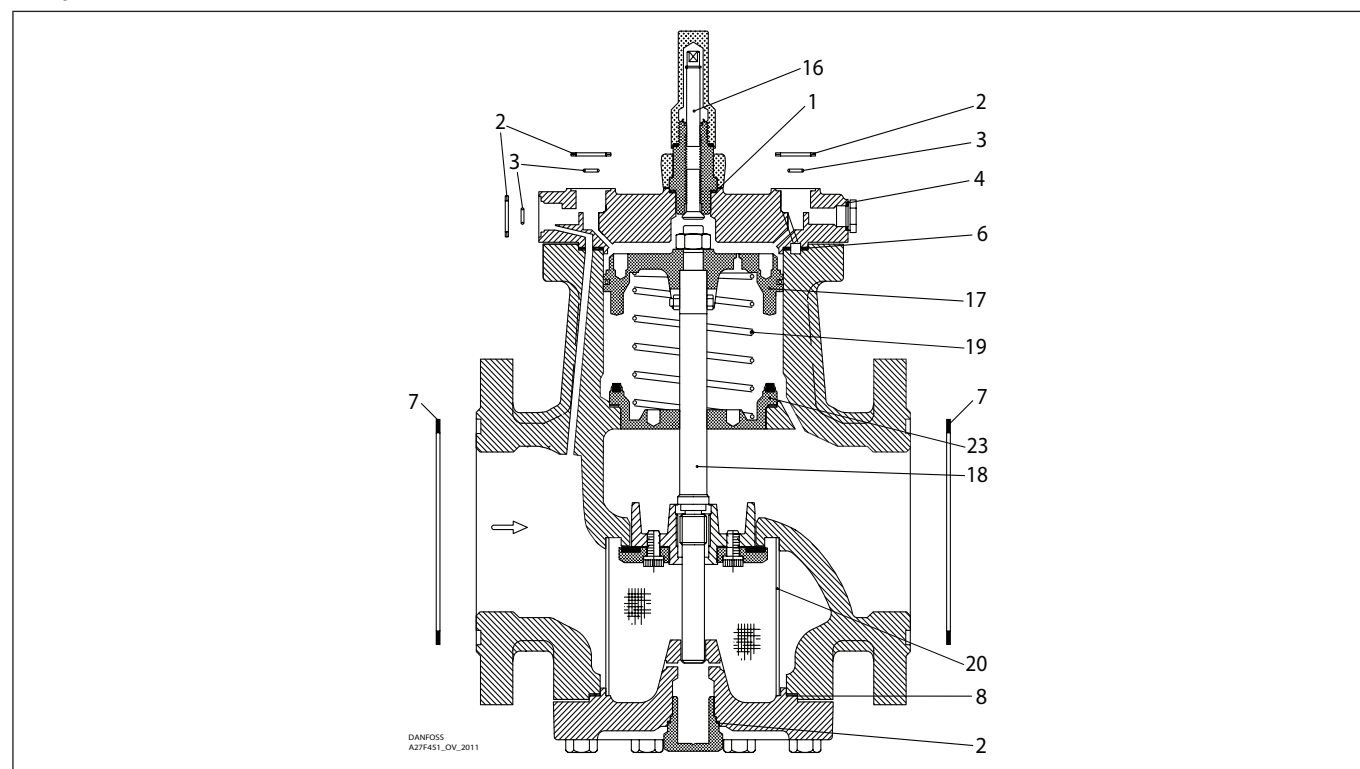
1** $\varnothing 38 \text{ mm}$ $\varnothing 1.5''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 154 \text{ mm}$ $\varnothing 6.06''$ Total no. = 1
7 $\varnothing 149 \text{ mm}$ $\varnothing 5.87''$ Total no. = 2	8 $\varnothing 134 \text{ mm}$ $\varnothing 5.28''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 120 \text{ mm}$ $\varnothing 4.72''$
18 265 mm $10.44''$	19 $\varnothing 80 \text{ mm}$ $\varnothing 3.15''$ Total no. = 1	20 $\varnothing 110 \text{ mm}$ $\varnothing 4.33''$ Total no. = 1	23 $\varnothing 114 \text{ mm}$ $\varnothing 4.49''$		

* The spare part is included in the package but is not used for PM size 80 with V-cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3388
PM, size 100 - V-cone



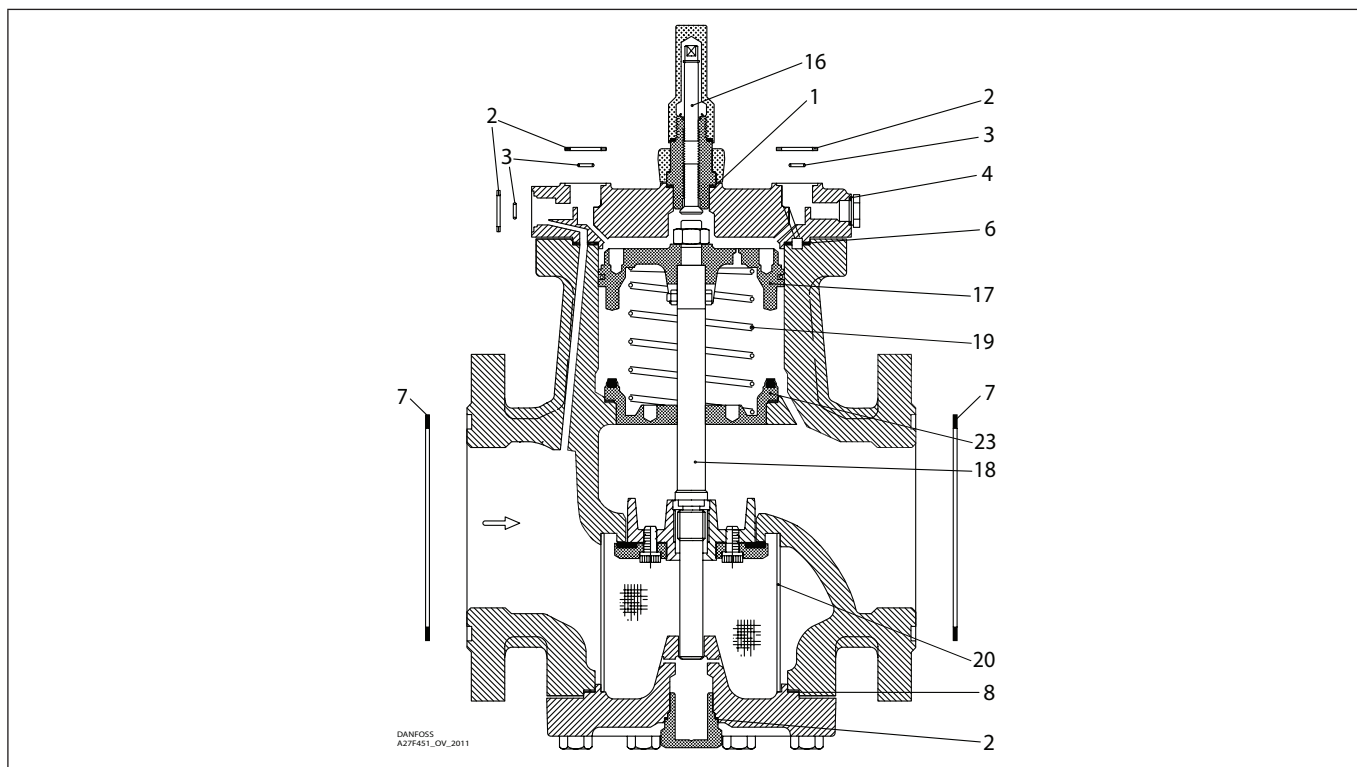
1** Ø38 mm Ø1.5" Total no. = 1	2 Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Ø18 mm Ø0.70" Total no. = 1	5* Ø14 mm Ø0.55" Total no. = 1	6 Ø185 mm Ø7.28" Total no. = 1
7 Ø175 mm Ø6.89" Total no. = 2	8 Ø168 mm Ø6.61" Total no. = 1	9* Ø32 mm Ø1.26" Total no. = 1	10* Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø145 mm Ø4.71"
18 307 mm 12.09"	19 Ø100 mm Ø3.94" Total no. = 1	20 Ø141 mm Ø4.33" Total no. = 1	23 Ø135 mm Ø5.31"		

* The spare part is included in the package but is not used for PM size 100 with V-cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F3389
PM, size 125 - V-cone



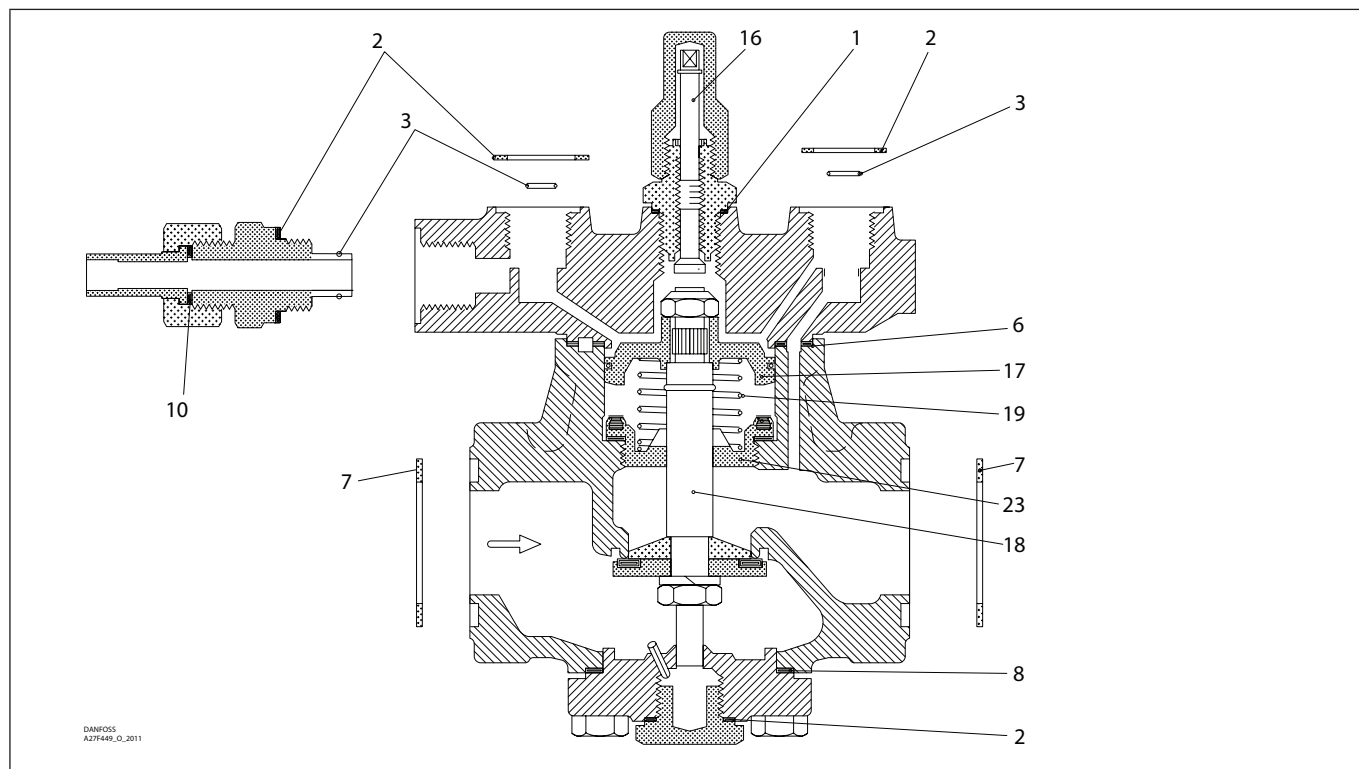
1** = Fibre Ø38 mm Ø1.5" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Fibre Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	8 = Fibre Ø196 mm Ø7.72" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø175 mm Ø6.89"
18 386 mm 15.21"	19 Ø125 mm Ø4.92" Total no. = 1	20 Ø165 mm Ø6.5" Total no. = 1	23 Ø160 mm Ø6.3"		

* The spare part is included in the package but is not used for PM size 125 with V-cone.

** Included in manual opening device.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0556
PML, size 32



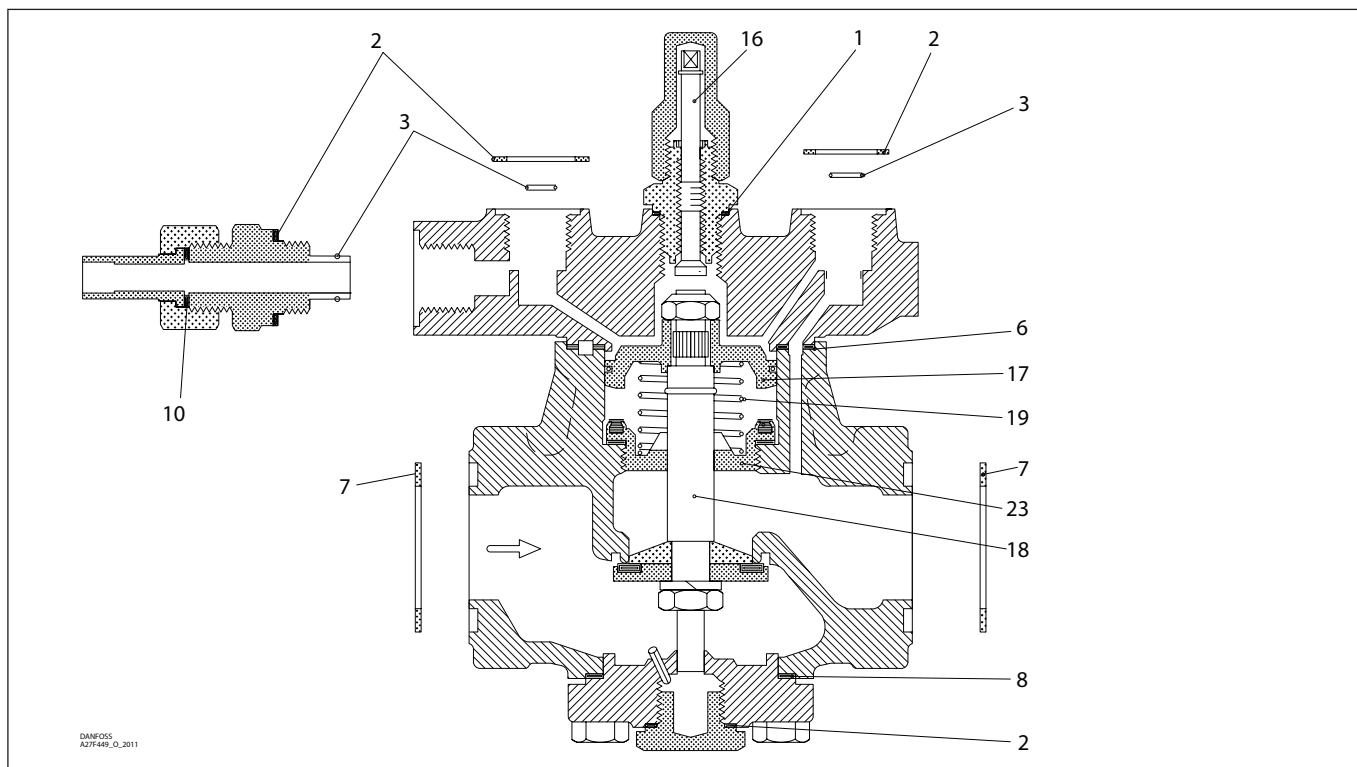
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8 = Fibre Ø70 mm Ø2.76" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 = Alu. Ø14 mm Ø0.55" Total no. = 1	17 = Fibre Ø85 mm Ø3.35" Total no. = 1
18 Ø42 mm Ø1.65" Total no. = 1	19 Ø37 mm Ø1.46" Total no. = 1	23 Ø58 mm Ø2.28" Total no. = 1			

* The spare part is included in the package but is not used for PML size 32.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0557

PML, size 40

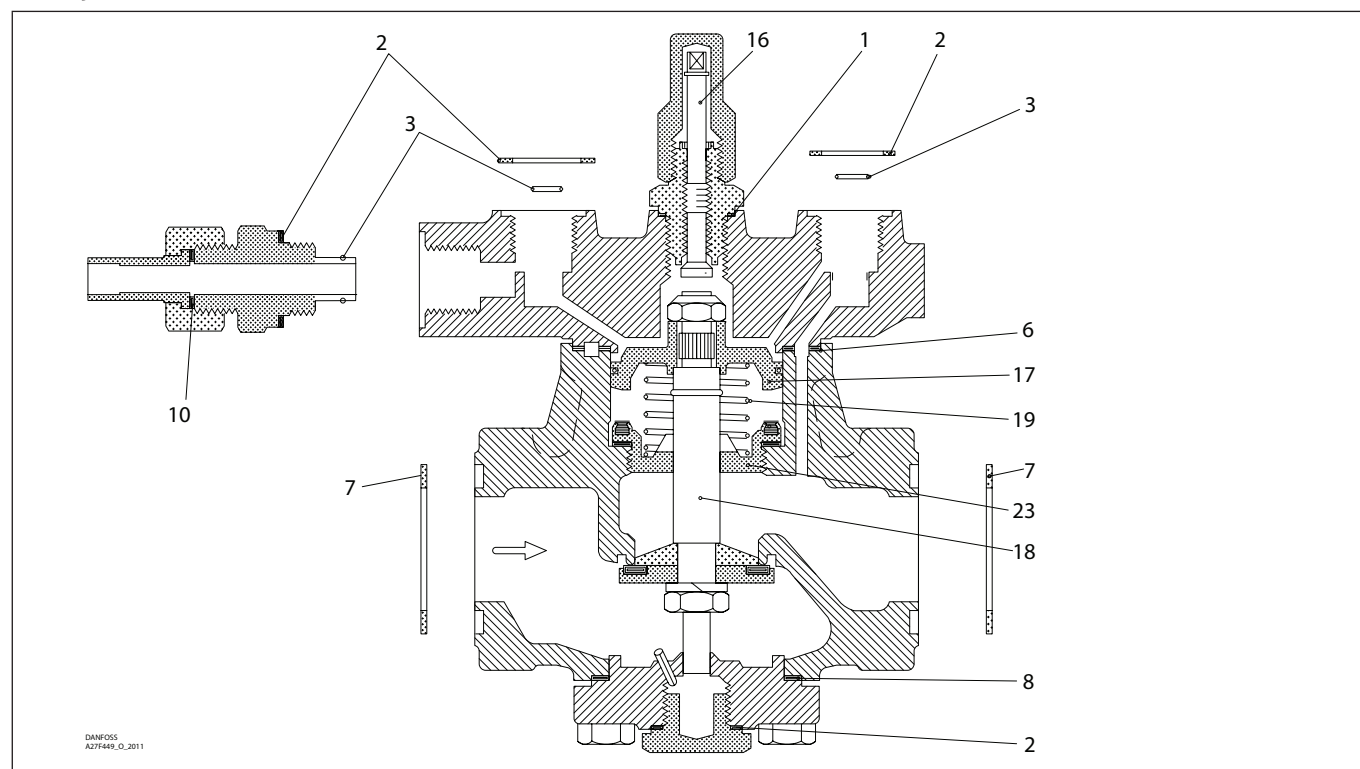


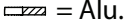
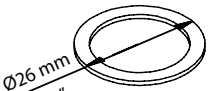
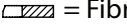
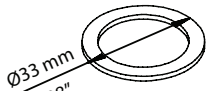
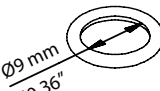
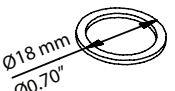
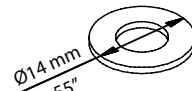
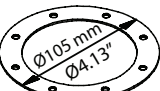
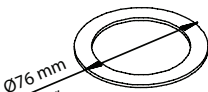
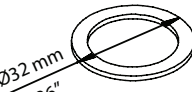
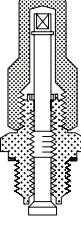
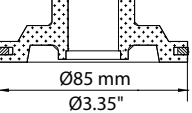
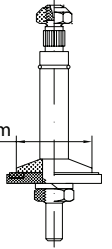
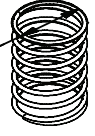
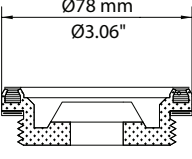
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8 = Fibre Ø78 mm Ø3.07" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø68 mm Ø2.68"
18 Ø50 mm Ø1.97"	19 Ø39 mm Ø1.54" Total no. = 1	23 Ø65 mm Ø2.54"			

* The spare part is included in the package but is not used for PML size 40.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0558
PML, size 50



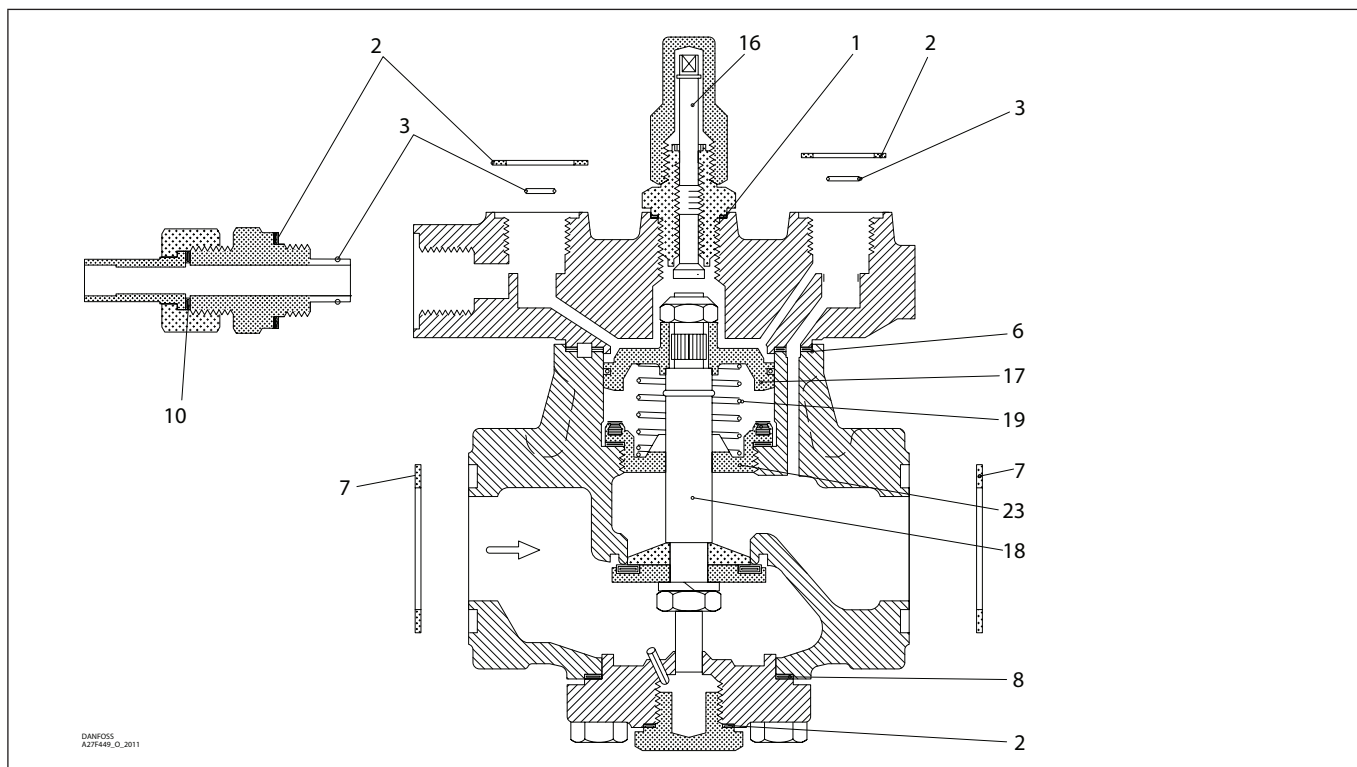
1  = Alu.  $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2  = Fibre  $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3   $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4*  = Alu.  $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5*  = Alu.  $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6  = Fibre  $\varnothing 105 \text{ mm}$ $\varnothing 4.13''$ Total no. = 1
7  = Fibre  $\varnothing 76 \text{ mm}$ $\varnothing 2.99''$ Total no. = 2	8  = Fibre  $\varnothing 92 \text{ mm}$ $\varnothing 3.62''$ Total no. = 1	9*  = Alu.  $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10  = Alu.  $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17  $\varnothing 85 \text{ mm}$ $\varnothing 3.35''$
18  $\varnothing 65 \text{ mm}$ $\varnothing 2.56''$	19  $\varnothing 49 \text{ mm}$ $\varnothing 1.93''$ Total no. = 1	23  $\varnothing 78 \text{ mm}$ $\varnothing 3.06''$			

* The spare part is included in the package but is not used for PML size 50.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0559

PML, size 65

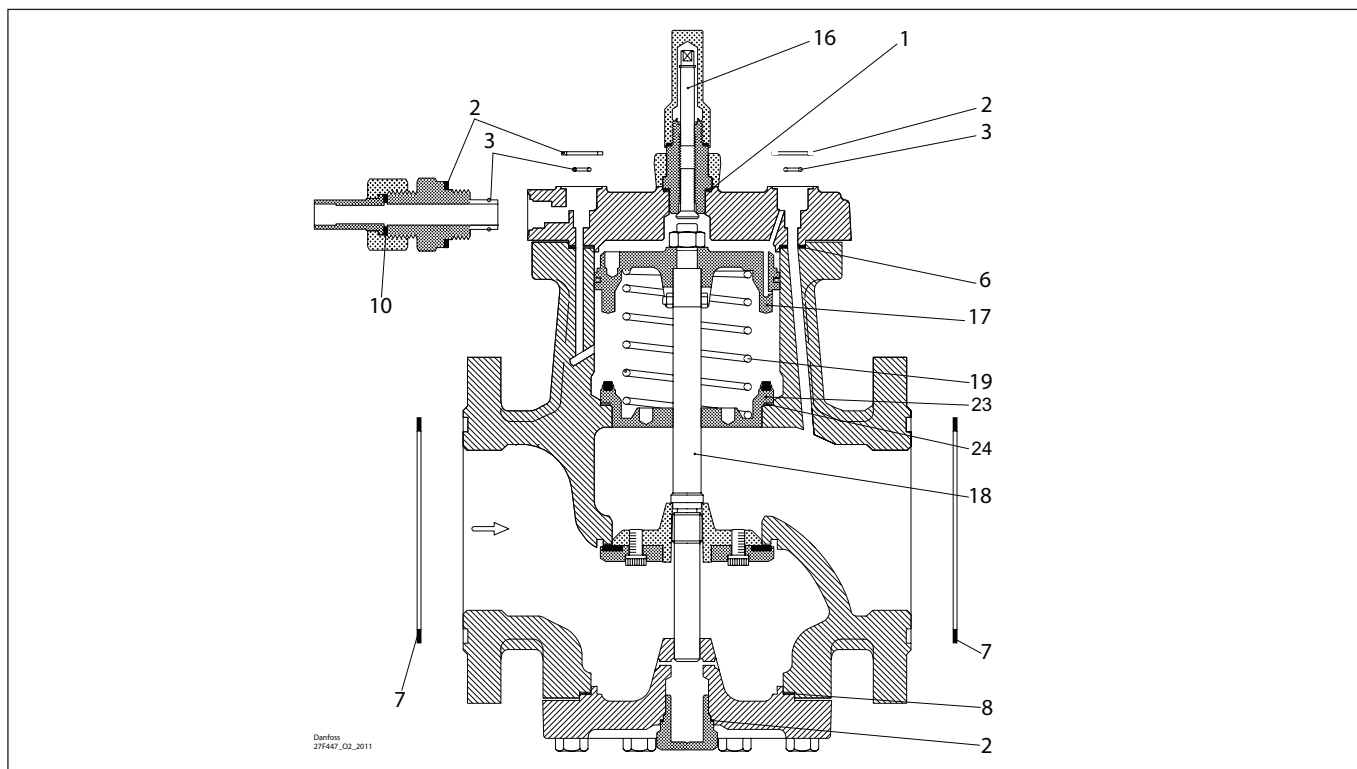


1 Total no. = 1	2 Total no. = 4	3 Total no. = 3	4* Total no. = 1	5* Total no. = 1	6 Total no. = 1
7 Total no. = 2	8 Total no. = 1	9* Total no. = 1	10 Total no. = 1	16 	17
18 	19 Total no. = 1	23 			

* The spare part is included in the package but is not used for PML size 65.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0560
PML, size 80

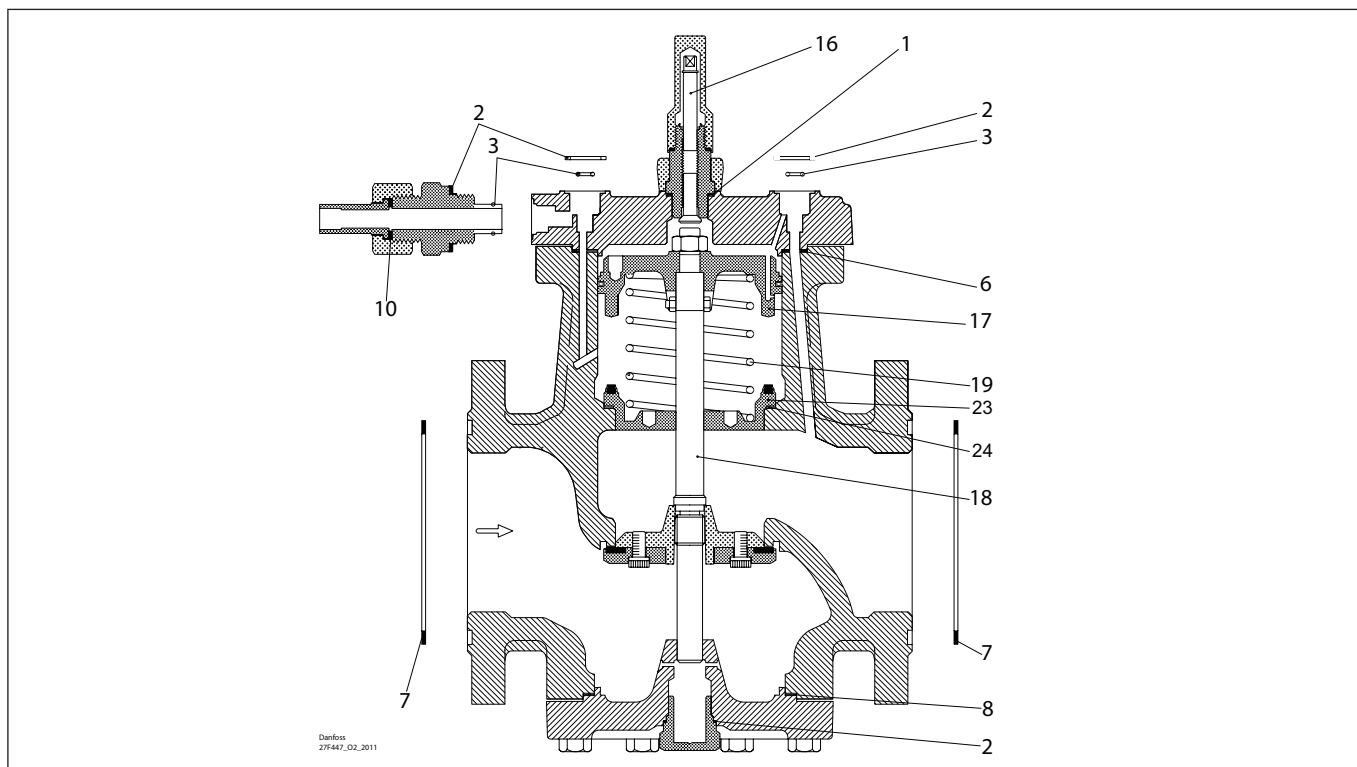


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø154 mm Ø6.06" Total no. = 1
7 = Fibre Ø149 mm Ø5.87" Total no. = 2	8 = Fibre Ø134 mm Ø5.28" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø120 mm Ø4.72"
18 265 mm 10.44"	19 Ø80 mm Ø3.15" Total no. = 1	23 Ø114 mm Ø4.49"	24 = Fibre Ø113.4 mm Ø4.46" Total no. = 1		

* The spare part is included in the package but is not used for PML size 80.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0561
PML, size 100

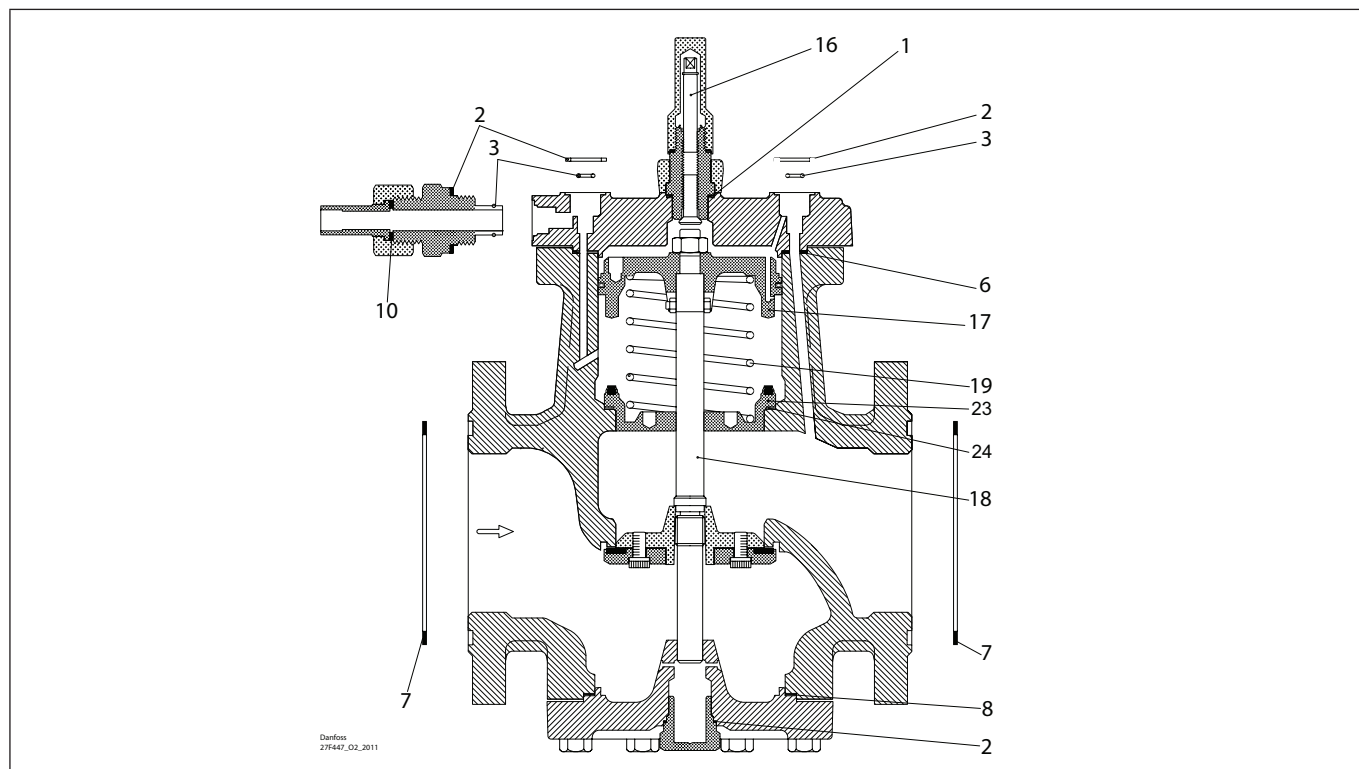


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø185 mm Ø7.28" Total no. = 1
7 = Fibre Ø175 mm Ø6.89" Total no. = 2	8 = Fibre Ø168 mm Ø6.61" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø145 mm Ø5.71"
18 307 mm 12.09"	19 Ø100 mm Ø3.94" Total no. = 1	23 Ø135 mm Ø5.31"	24 = Fibre Ø134.4 mm Ø5.29" Total no. = 1		

* The spare part is included in the package but is not used for PML size 100.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0562
PML, size 125

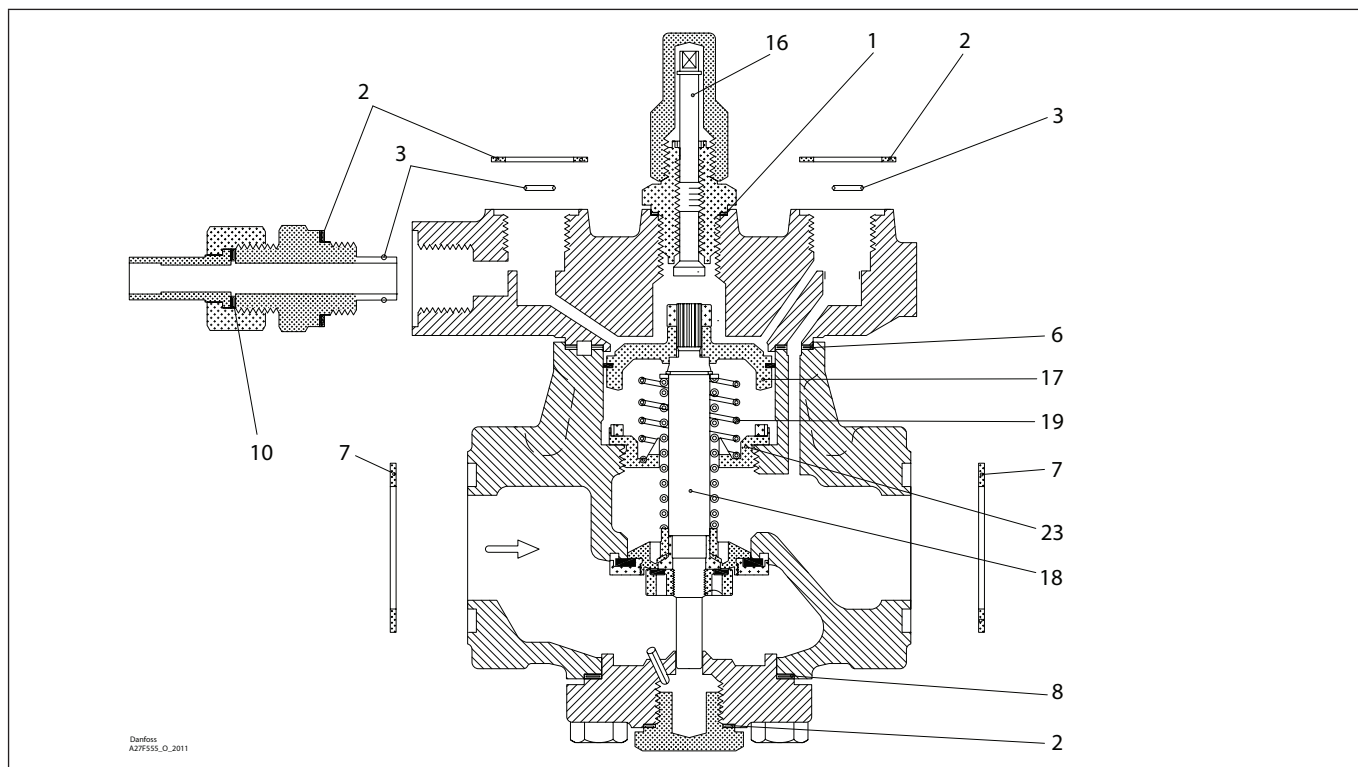


1* ▨ = Alu. Total no. = 1	2 ▨ = Fibre Total no. = 4	3 ▨ = Alu. Total no. = 3	4* ▨ = Alu. Total no. = 1	5* ▨ = Alu. Total no. = 1	6 ▨ = Fibre Total no. = 1
7 ▨ = Fibre Total no. = 2	8 ▨ = Fibre Total no. = 1	9* ▨ = Alu. Total no. = 1	10 ▨ = Alu. Total no. = 1	16	17 Ø175 mm Ø6.89"
18 386 mm 15.21"	19 Ø125 mm Ø4.92" Total no. = 1	23 Ø160 mm Ø6.3"	24 ▨ = Fibre Total no. = 1		

* The spare part is included in the package but is not used for PML size 125.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0563
PMLX, size 32

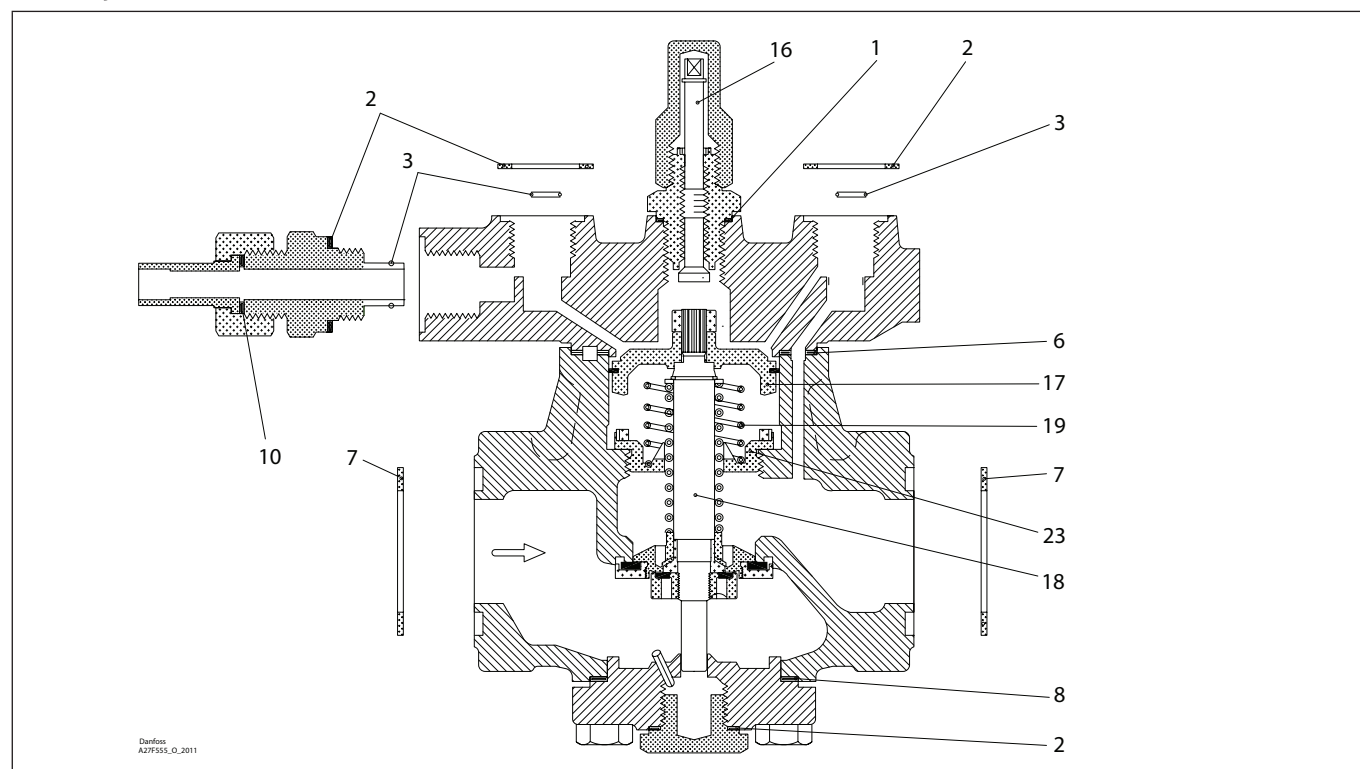


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8* = Fibre Ø70 mm Ø2.76" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø60 mm Ø2.36"
18 Ø42 mm Ø1.65"	19 Ø37 mm Ø1.46" Total no. = 1	23 Ø58 mm Ø2.28"			

* The spare part is included in the package but is not used for PMLX size 32.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0568
PMLX, size 40

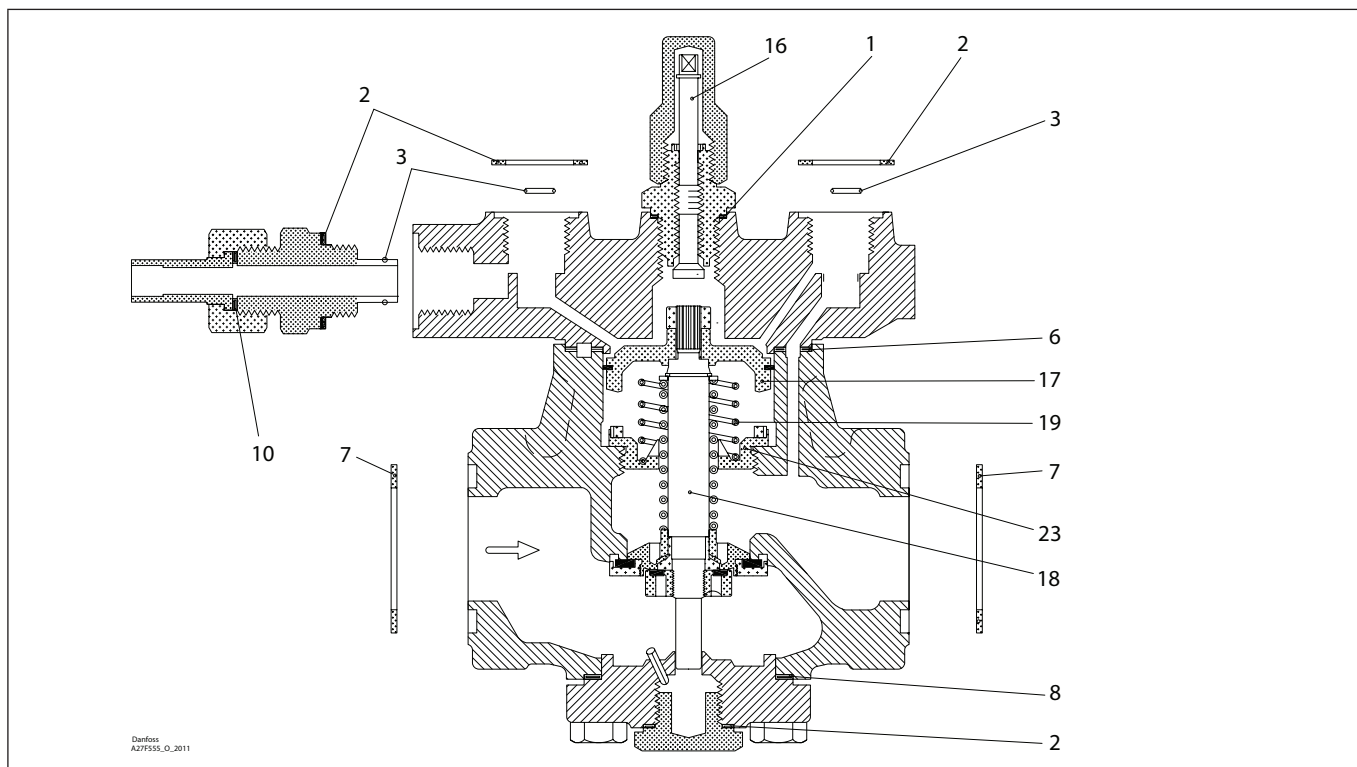


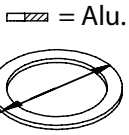
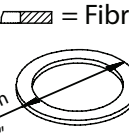
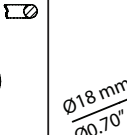
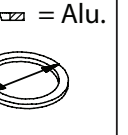
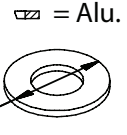
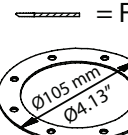
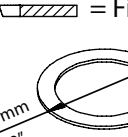
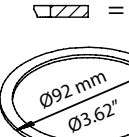
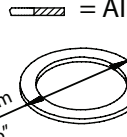
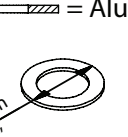
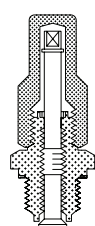
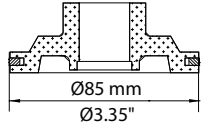
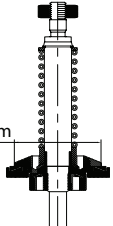
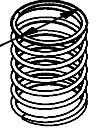
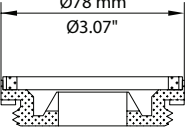
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8* = Fibre Ø78 mm Ø3.07" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 = Alu. Ø22 mm Ø0.87" Total no. = 1	17 = Fibre Ø68 mm Ø2.63" Total no. = 1
18 = Alu. Ø50 mm Ø1.97" Total no. = 1	19 = Fibre Ø39 mm Ø1.54" Total no. = 1	23 = Alu. Ø65 mm Ø2.56" Total no. = 1			

* The spare part is included in the package but is not used for PMLX size 40.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0569
PMLX, size 50

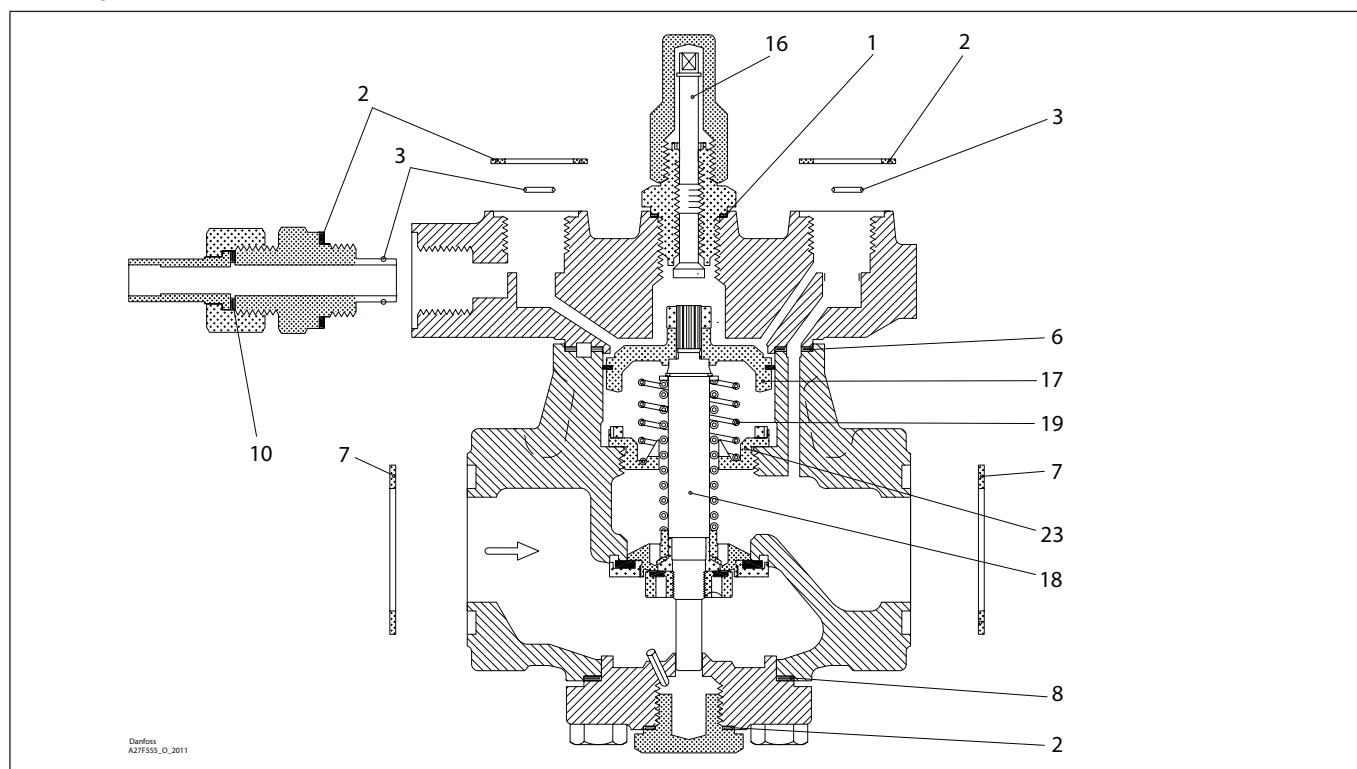


1  = Alu. Ø26 mm Ø1.02" Total no. = 1	2  = Fibre Ø33 mm Ø1.28" Total no. = 4	3  Ø9 mm Ø0.36" Total no. = 3	4*  = Alu. Ø18 mm Ø0.70" Total no. = 1	5*  = Alu. Ø14 mm Ø0.55" Total no. = 1	6  = Fibre Ø105 mm Ø4.13" Total no. = 1
7  = Fibre Ø76 mm Ø2.99" Total no. = 2	8*  = Fibre Ø92 mm Ø3.62" Total no. = 1	9*  = Alu. Ø32 mm Ø1.26" Total no. = 1	10  = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17  Ø85 mm Ø3.35"
18  Ø65 mm Ø2.56"	19  Ø49 mm Ø1.93" Total no. = 1	23  Ø78 mm Ø3.07"			

* The spare part is included in the package but is not used for PMLX size 50.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0570
PMLX, size 65

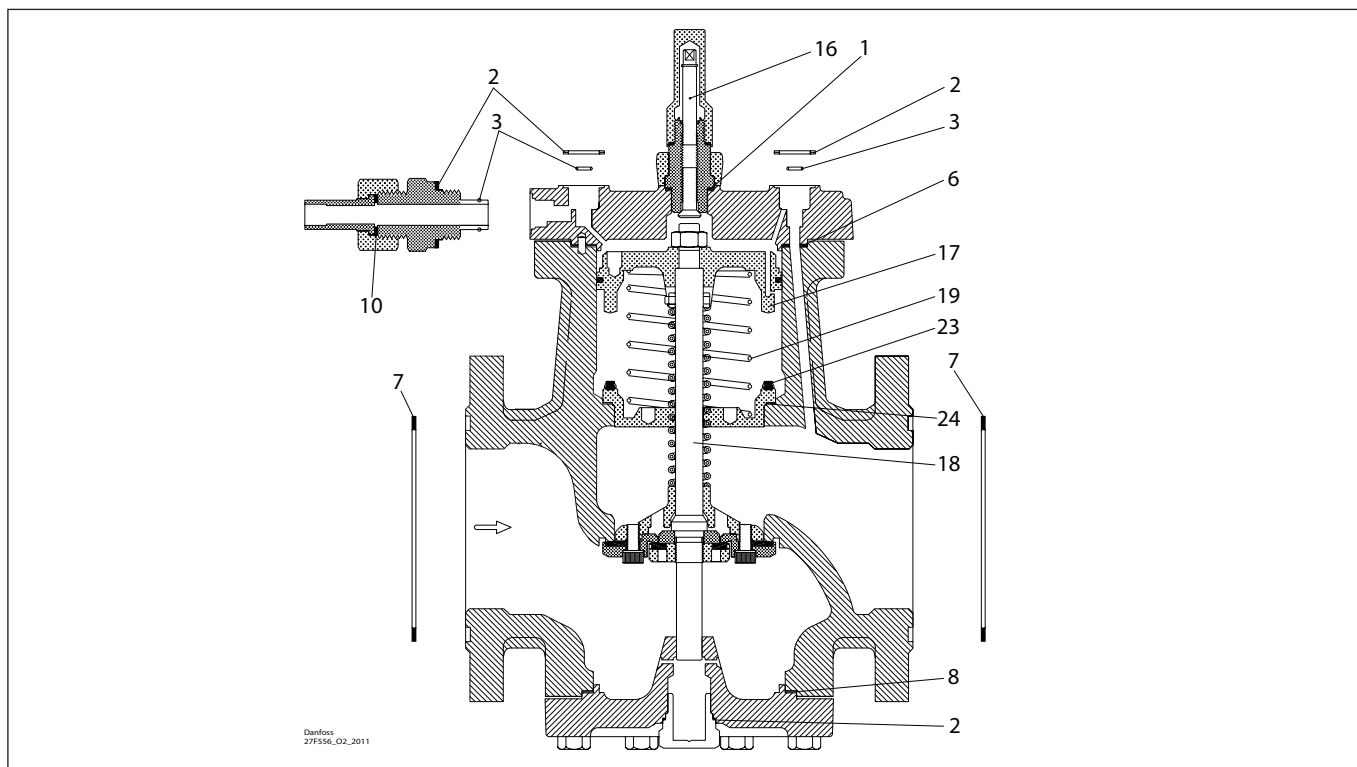


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8* = Fibre Ø112 mm Ø4.41" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 = Alu. Ø14 mm Ø0.55" Total no. = 1	17 = Fibre Ø105 mm Ø4.13" Total no. = 1
18 = Alu. Ø76 mm Ø2.99" Total no. = 1	19 = Fibre Ø65 mm Ø2.56" Total no. = 1	23 = Alu. Ø96 mm Ø3.78" Total no. = 1			

* The spare part is included in the package but is not used for PMLX size 65.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0571
PMLX, size 80

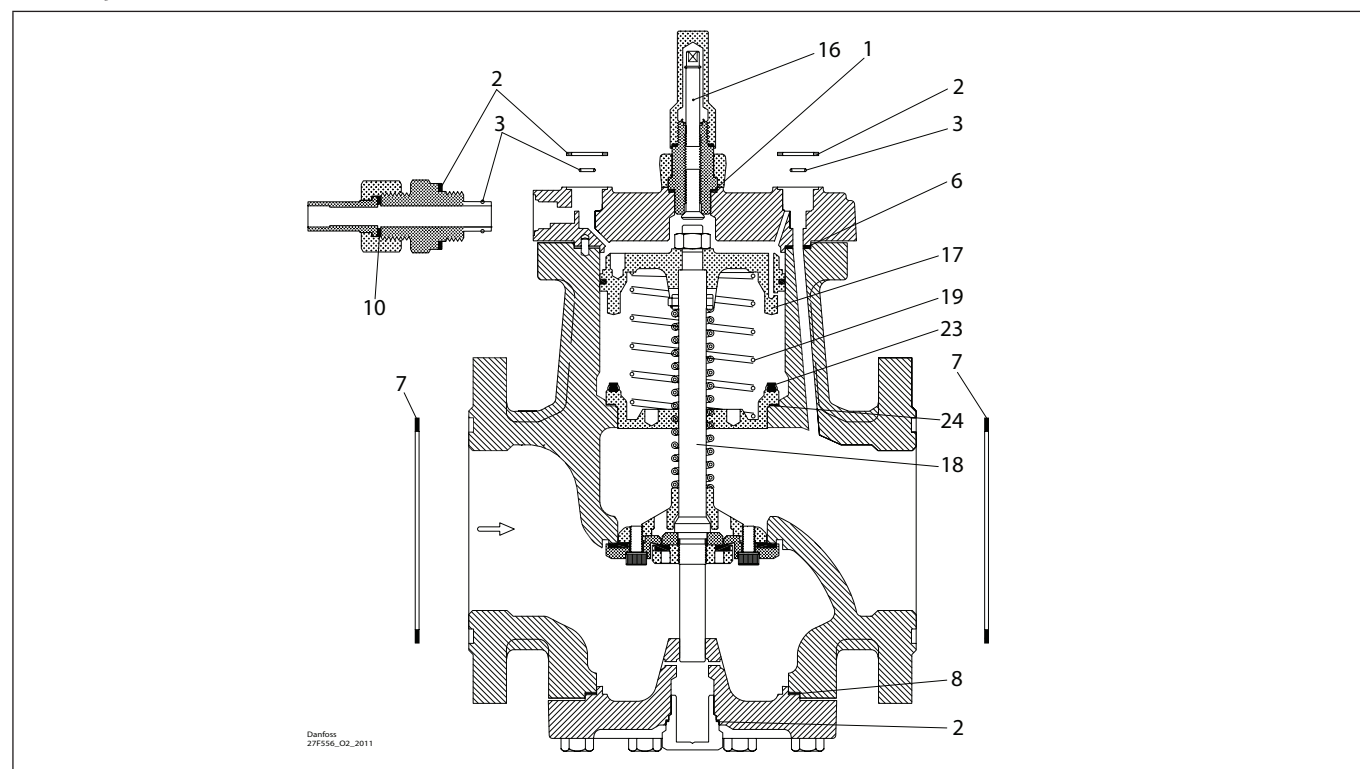


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø154 mm Ø6.06" Total no. = 1
7 = Fibre Ø149 mm Ø5.87" Total no. = 2	8 = Fibre Ø134 mm Ø5.28" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø120 mm Ø4.72"
18 298 mm 11.74"	19 Ø80 mm Ø3.15" Total no. = 1	23 Ø114 mm Ø4.49"	24 = Fibre Ø113.4 mm Ø4.46" Total no. = 1		

* The spare part is included in the package but is not used for PMLX size 80.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0572
PMLX, size 100

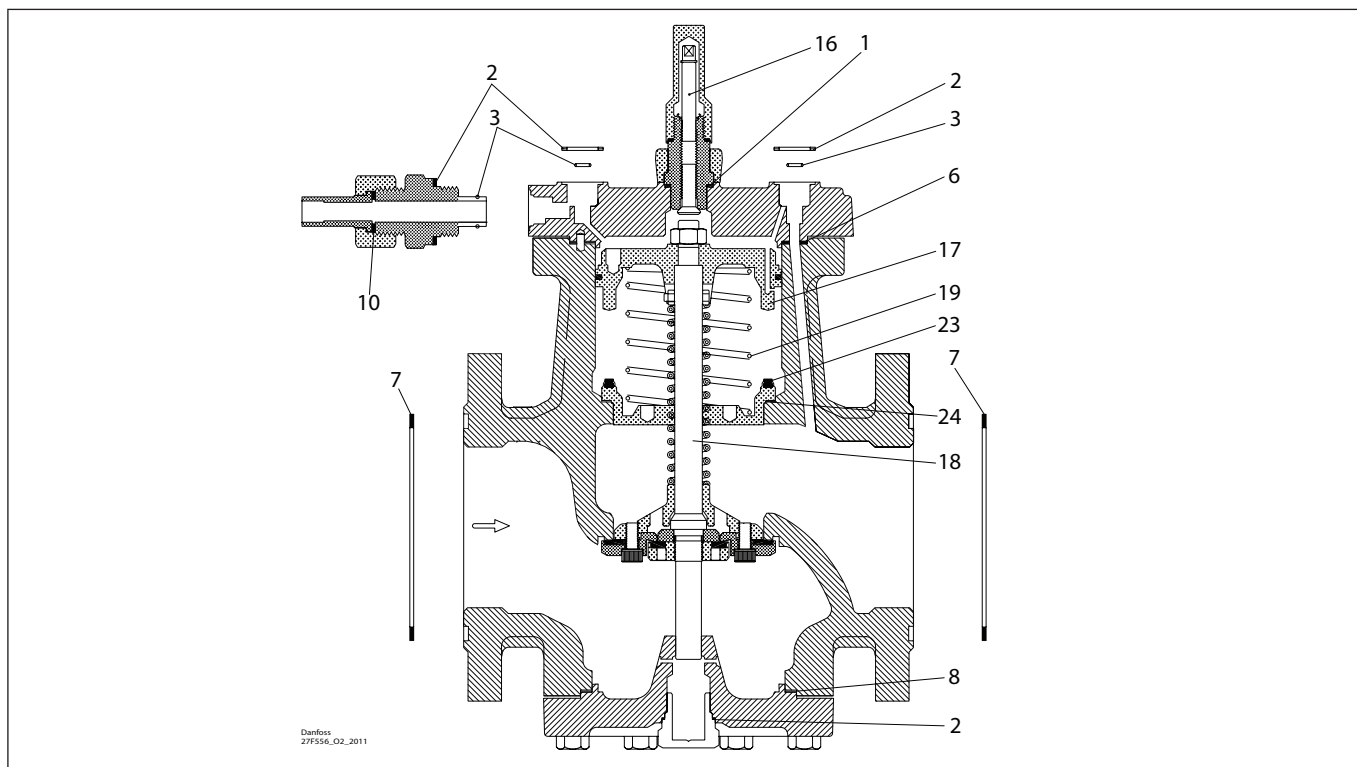


1* Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4* Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø185 mm Ø7.28" Total no. = 1
7 Fibre Ø175 mm Ø6.89" Total no. = 2	8 Fibre Ø168 mm Ø6.61" Total no. = 1	9* Alu. Ø32 mm Ø1.26" Total no. = 1	10 Alu. Ø22 mm Ø0.87" Total no. = 1	16	17 Ø145 mm Ø5.71"
18 342 mm 13.46"	19 Ø100 mm Ø3.94" Total no. = 1	23 Ø135 mm Ø5.31"	24 Fibre Ø134.4 mm Ø5.29" Total no. = 1		

* The spare part is included in the package but is not used for PMLX size 100.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0573
PMLX, size 125

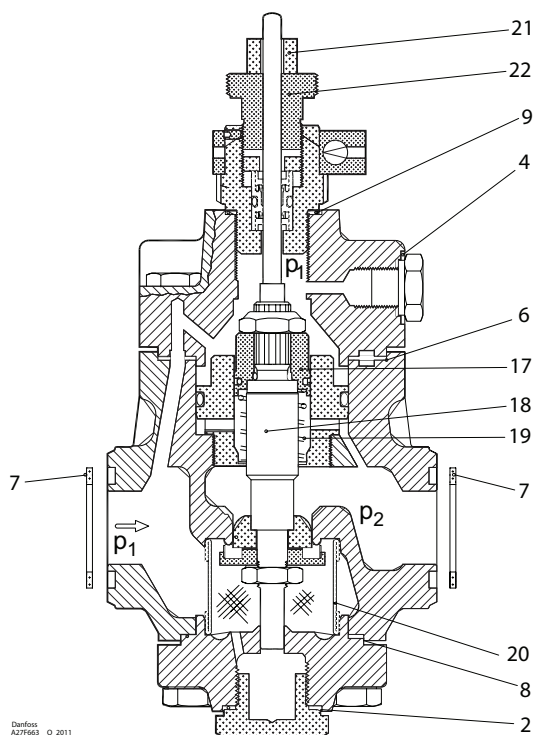


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4* = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø221 mm Ø8.7" Total no. = 1
7 = Fibre Ø203 mm Ø7.99" Total no. = 2	8 = Fibre Ø196 mm Ø7.72" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10 = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø175 mm Ø6.89"
18 426 mm 16.75"	19 Ø125 mm Ø4.92" Total no. = 1	23 Ø160 mm Ø6.3"	24 = Fibre Ø159.4 mm Ø6.27" Total no. = 1		

* The spare part is included in the package but is not used for PMLX size 125.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0577
MRV, size 5

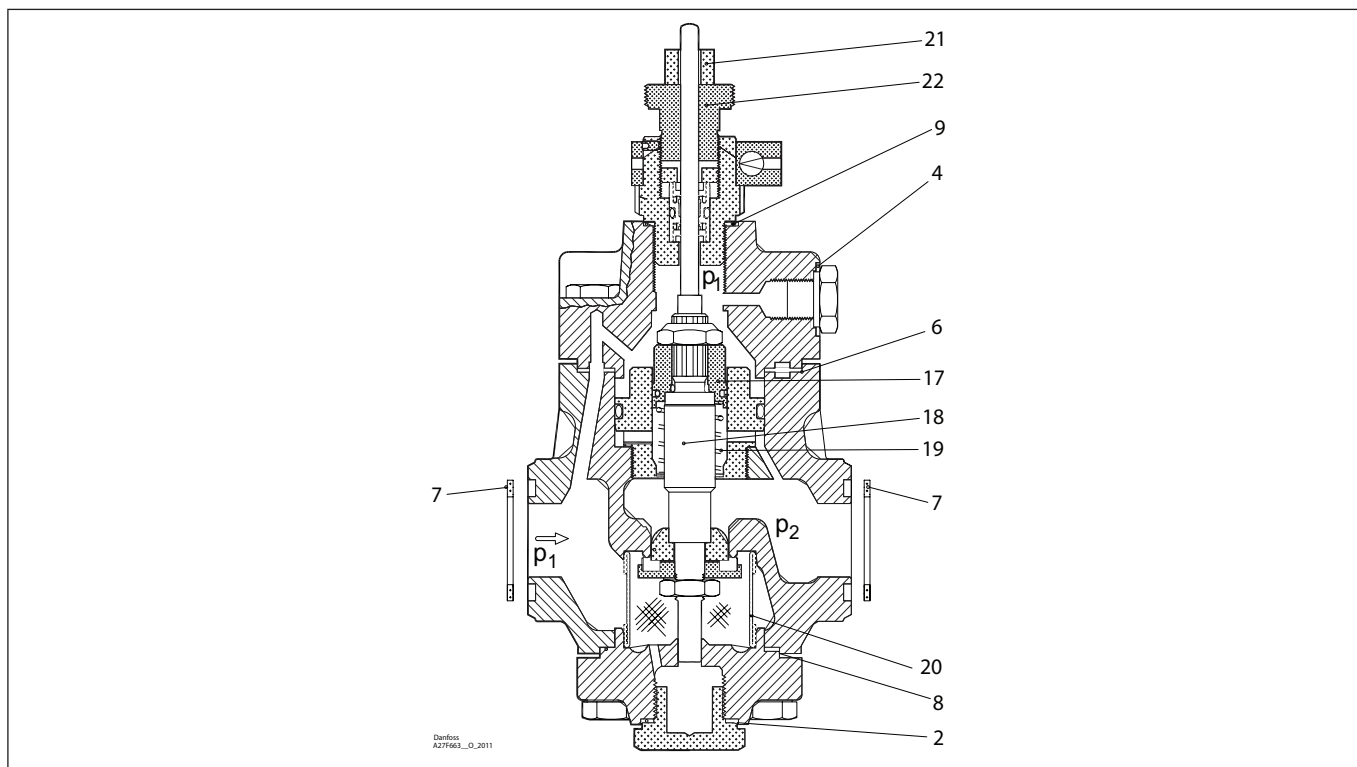


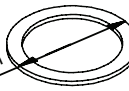
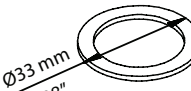
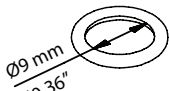
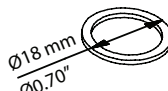
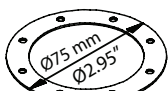
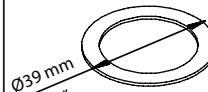
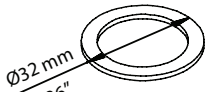
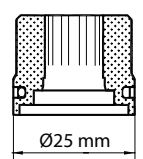
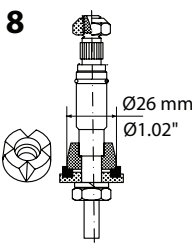
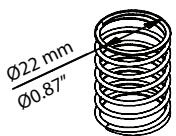
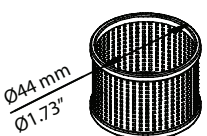
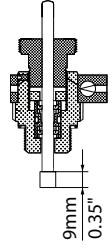
1* Alu. Total no. = 1	2 Fibre Total no. = 4	3* Total no. = 3	4 Alu. Total no. = 1	5* Alu. Total no. = 1	6 Fibre Total no. = 1
7 Fibre Total no. = 2	8 Fibre Total no. = 1	9 Alu. Total no. = 1	10* Alu. Total no. = 1	17	18
19 Total no. = 1	20 Total no. = 1	21 Total no. = 1	22		

* The spare part is included in the package but is not used for MRV 5.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0578
MRV, size 10

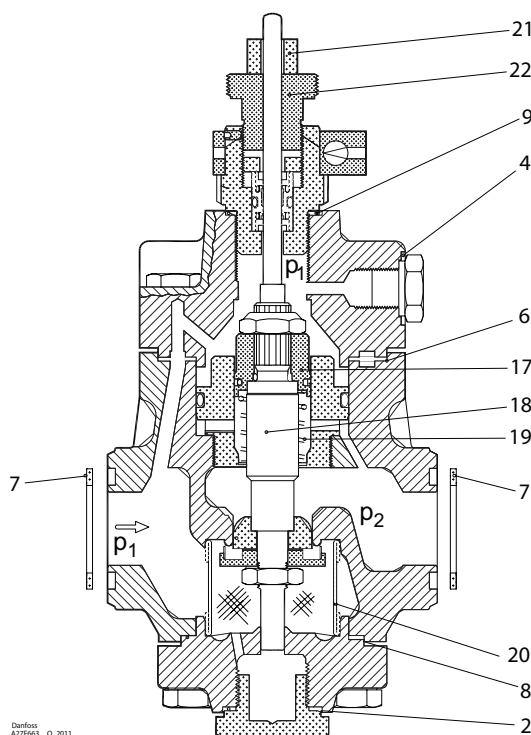


1*  = Alu.  Total no. = 1	2  = Fibre  Total no. = 4	3*  = Alu.  Total no. = 3	4  = Alu.  Total no. = 1	5*  = Alu.  Total no. = 1	6  = Fibre  Total no. = 1
7  = Fibre  Total no. = 2	8  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10*  = Alu.  Total no. = 1	17 	18 
19  Total no. = 1	20  Total no. = 1	21  Total no. = 1	22 		

* The spare part is included in the package but is not used for MRV 10.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0579
MRV, size 15

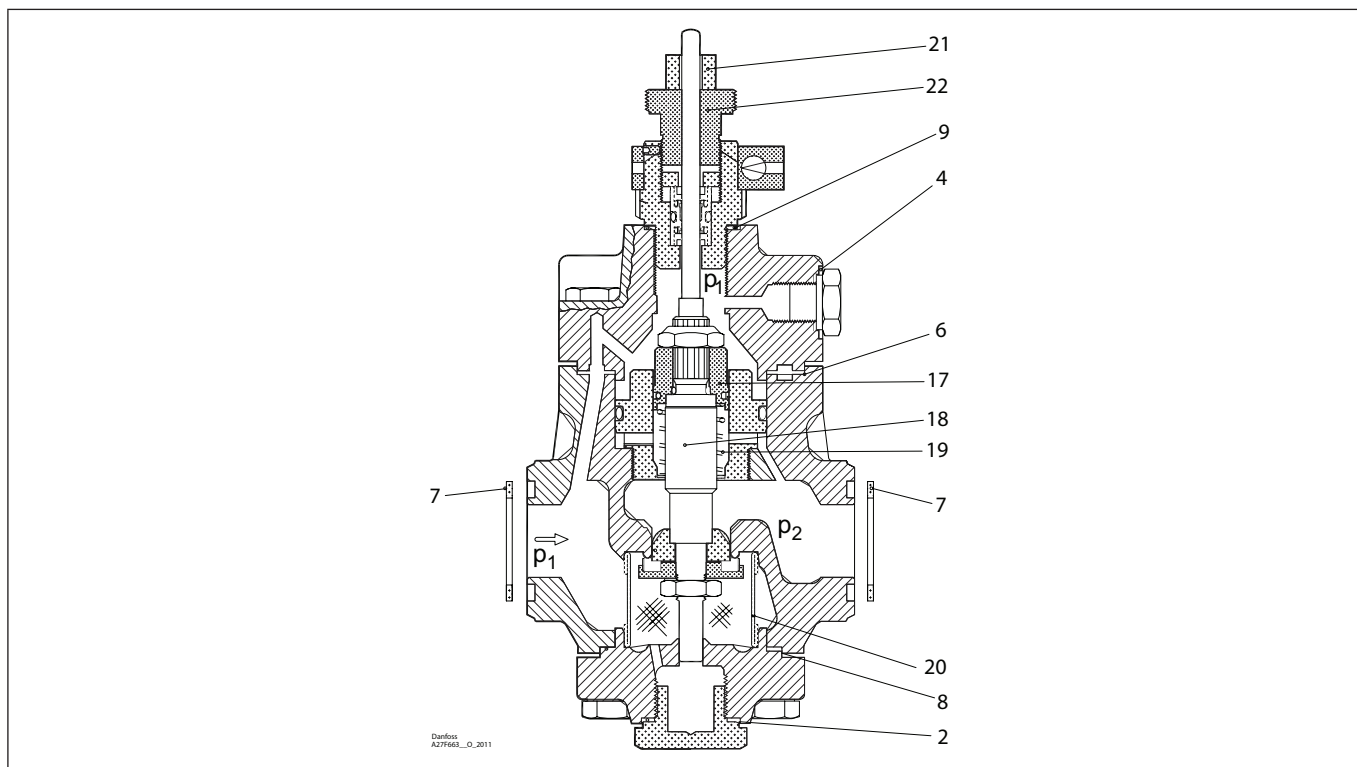


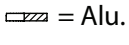
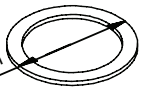
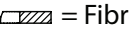
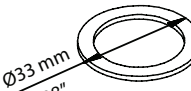
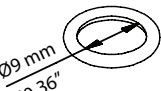
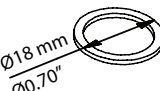
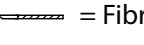
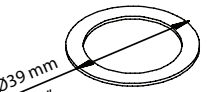
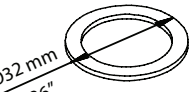
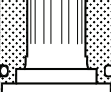
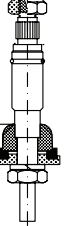
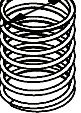
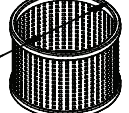
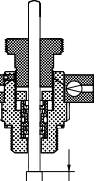
1* Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3* Alu. Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø75 mm Ø2.95" Total no. = 1
7 Fibre Ø39 mm Ø1.54" Total no. = 2	8 Fibre Ø60 mm Ø2.36" Total no. = 1	9 Alu. Ø32 mm Ø1.26" Total no. = 1	10* Alu. Ø22 mm Ø0.87" Total no. = 1	17 Ø25 mm Ø0.97"	18 Ø26 mm Ø1.02"
19 Ø22 mm Ø0.87" Total no. = 1	20 Ø44 mm Ø1.73" Total no. = 1	21 Ø17 mm Ø0.67" Total no. = 1	22 9 mm 0.35"		

* The spare part is included in the package but is not used for MRV 15.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0580
MRV, size 20

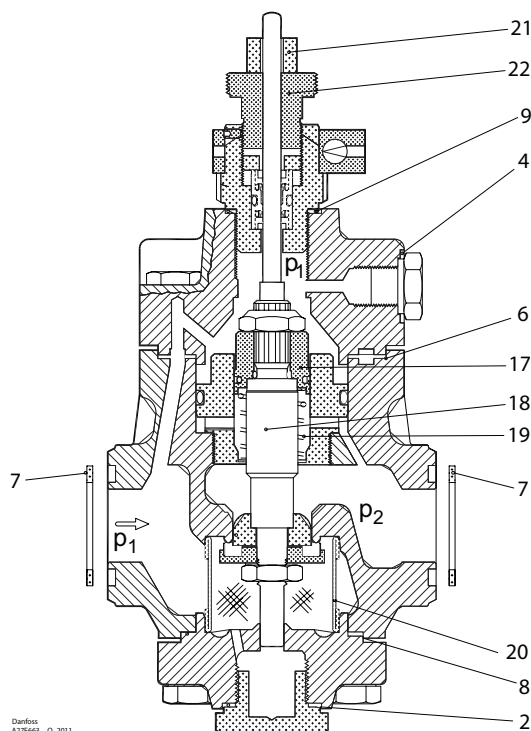


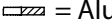
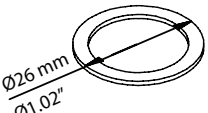
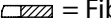
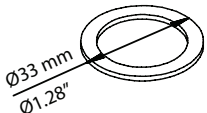
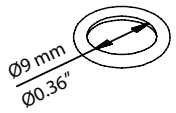
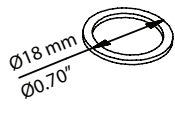
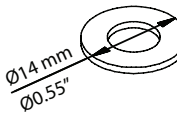
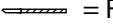
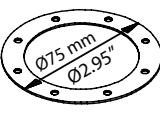
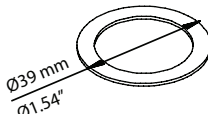
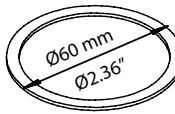
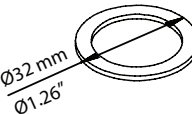
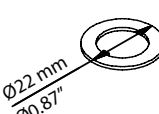
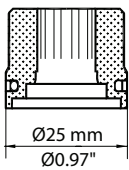
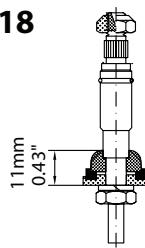
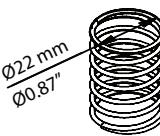
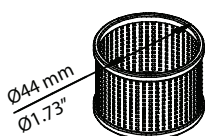
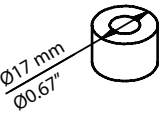
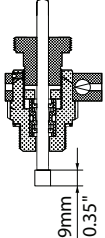
1*  = Alu.  $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2  = Fibre  $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3*   $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4  = Alu.  $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5*  = Alu.  $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6  = Fibre  $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7  = Fibre  $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8  = Fibre  $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9  = Alu.  $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10*  = Alu.  $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	17  $\varnothing 25 \text{ mm}$ $\varnothing 0.97''$	18  15 mm $0.59''$
19  $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	20  $\varnothing 44 \text{ mm}$ $\varnothing 1.73''$ Total no. = 1	21  $\varnothing 17 \text{ mm}$ $\varnothing 0.67''$ Total no. = 1	22  9 mm $0.35''$		

* The spare part is included in the package but is not used for MRV 20.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0581
MRV, size 25



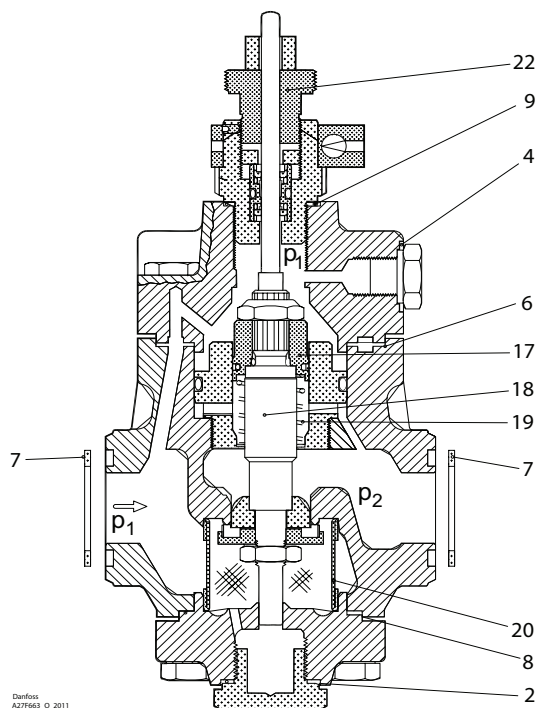
1*  = Alu.  Total no. = 1	2  = Fibre  Total no. = 4	3*  = Alu.  Total no. = 3	4  = Alu.  Total no. = 1	5*  = Alu.  Total no. = 1	6  = Fibre  Total no. = 1
7  = Fibre  Total no. = 2	8  = Fibre  Total no. = 1	9  = Alu.  Total no. = 1	10*  = Alu.  Total no. = 1	17 	18 
19  Total no. = 1	20  Total no. = 1	21  Total no. = 1	22 		

* The spare part is included in the package but is not used for MRV 25.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0582

MRV, size 32



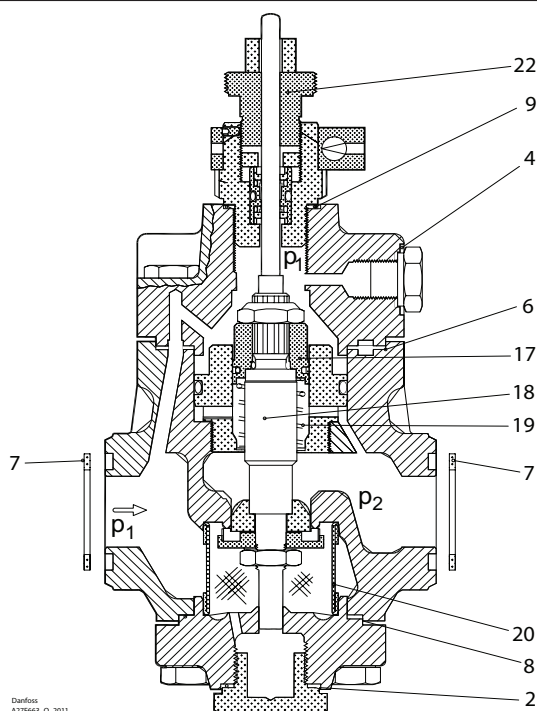
Danfoss
A27F5631_O_2011

1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3* = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8 = Fibre Ø70 mm Ø2.76" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	17 = Alu. Ø30 ± 0.2 Total no. = 1	18 = Alu. Ø32 mm Ø1.26" Total no. = 1
19 = Alu. Ø25 mm Ø0.98" Total no. = 1	20 = Alu. Ø51 mm Ø2.00" Total no. = 1	22 = Alu. 9 mm 0.35" Total no. = 1			

* The spare part is included in the package but is not used for MRV 32.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0583
MRV, size 40

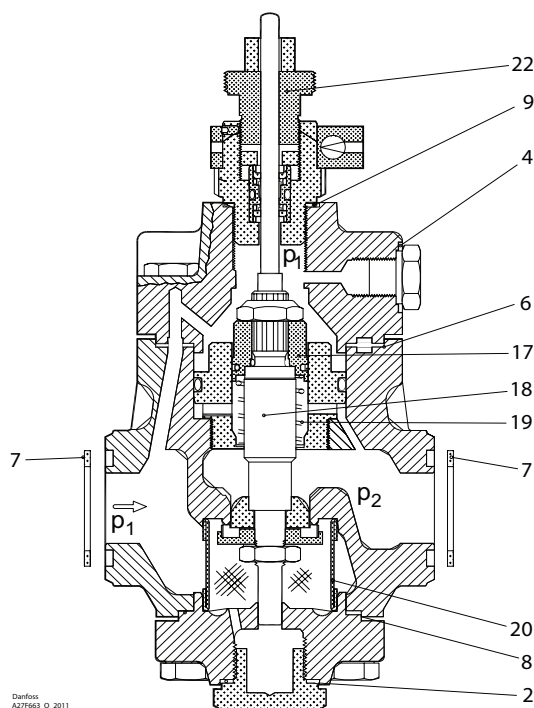


1* $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3* $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5* $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 93 \text{ mm}$ $\varnothing 3.66''$ Total no. = 1
7 $\varnothing 65 \text{ mm}$ $\varnothing 2.56''$ Total no. = 2	8 $\varnothing 78 \text{ mm}$ $\varnothing 3.07''$ Total no. = 1	9 $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	17 $\varnothing 40 \pm 0.2$ Total no. = 1	18 $\varnothing 42 \text{ mm}$ $\varnothing 1.65''$
19 $\varnothing 28 \text{ mm}$ $\varnothing 1.1''$ Total no. = 1	20 $\varnothing 62 \text{ mm}$ $\varnothing 2.44''$ Total no. = 1	22 9 mm $0.35''$ Total no. = 1			

* The spare part is included in the package but is not used for MRV 40.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0584
MRV, size 50

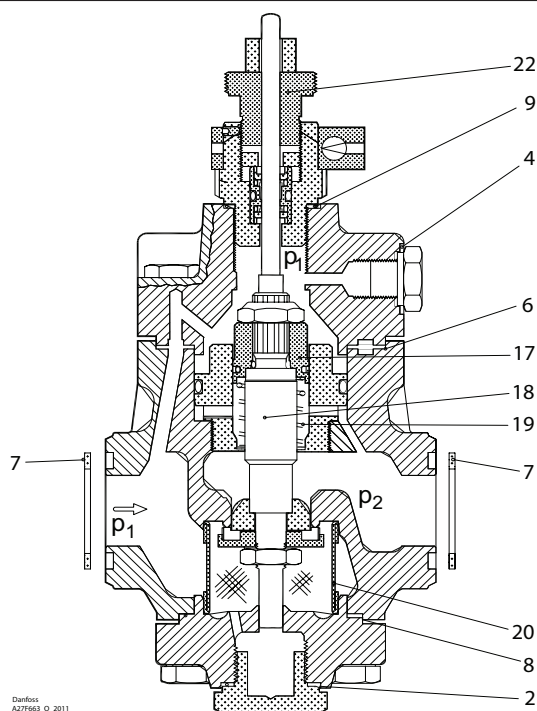


1* Ø26 mm Ø1.02" Total no. = 1	2 Ø33 mm Ø1.28" Total no. = 4	3* Ø9 mm Ø0.36" Total no. = 3	4 Ø18 mm Ø0.70" Total no. = 1	5* Ø14 mm Ø0.55" Total no. = 1	6 Ø105 mm Ø4.13" Total no. = 1
7 Ø76 mm Ø2.99" Total no. = 2	8 Ø92 mm Ø3.62" Total no. = 1	9 Ø32 mm Ø1.26" Total no. = 1	10* Ø22 mm Ø0.87" Total no. = 1	17 Ø49 ± 0.2 Total no. = 1	18 Ø50 mm Ø1.97" Total no. = 1
19 Ø34 mm Ø1.34" Total no. = 1	20 Ø74 mm Ø2.91" Total no. = 1	22 9 mm 0.35" Total no. = 1			

* The spare part is included in the package but is not used for MRV 50.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0592
MRV, size 65

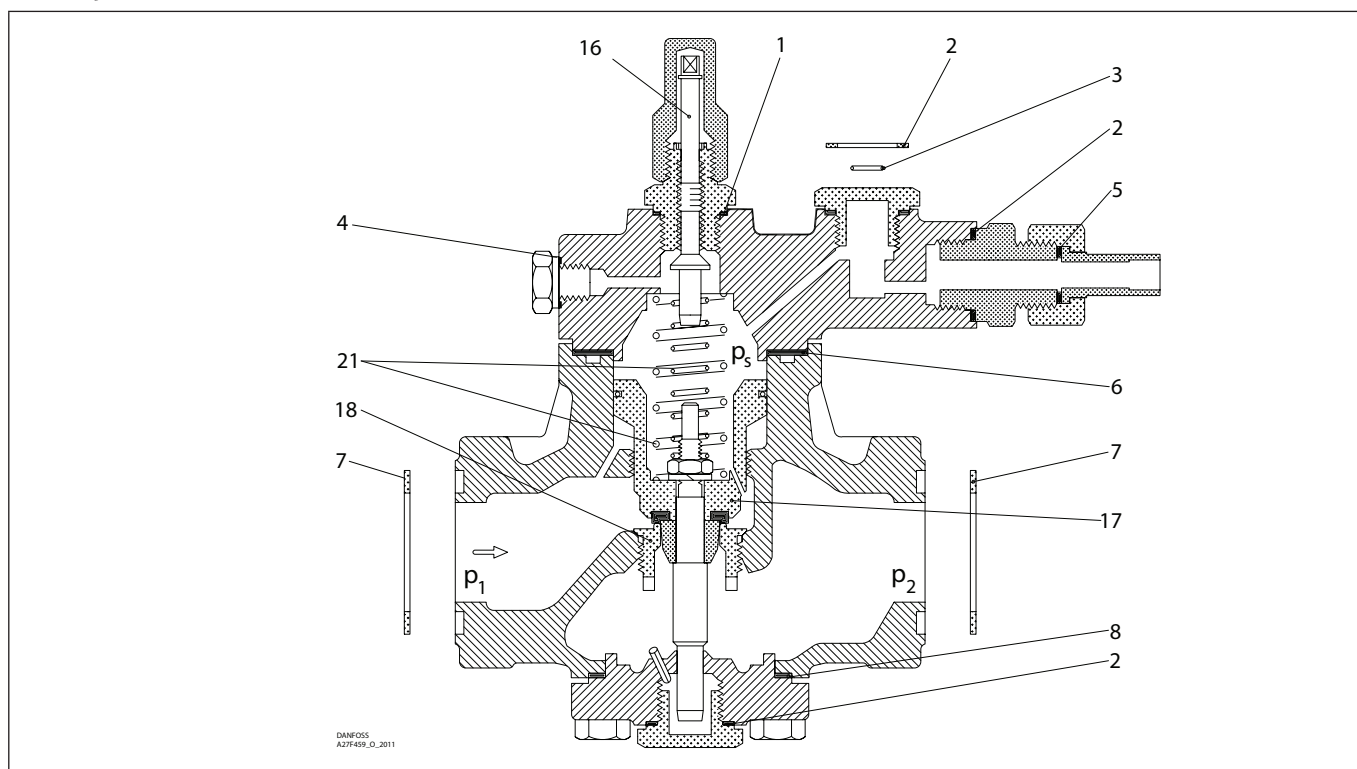


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3* = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8 = Fibre Ø112 mm Ø4.41" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	17 = Alu. Ø64,6 ± 0.2 Total no. = 1	18 = Fibre Ø65 mm Ø2.54" Total no. = 1
19 = Alu. Ø50 mm Ø1.97" Total no. = 1	20 = Fibre Ø94 mm Ø3.7" Total no. = 1	22 = Alu. 29mm 1.14" Total no. = 1			

* The spare part is included in the package but is not used for MRV 65.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0611
PMFL, size 80-1



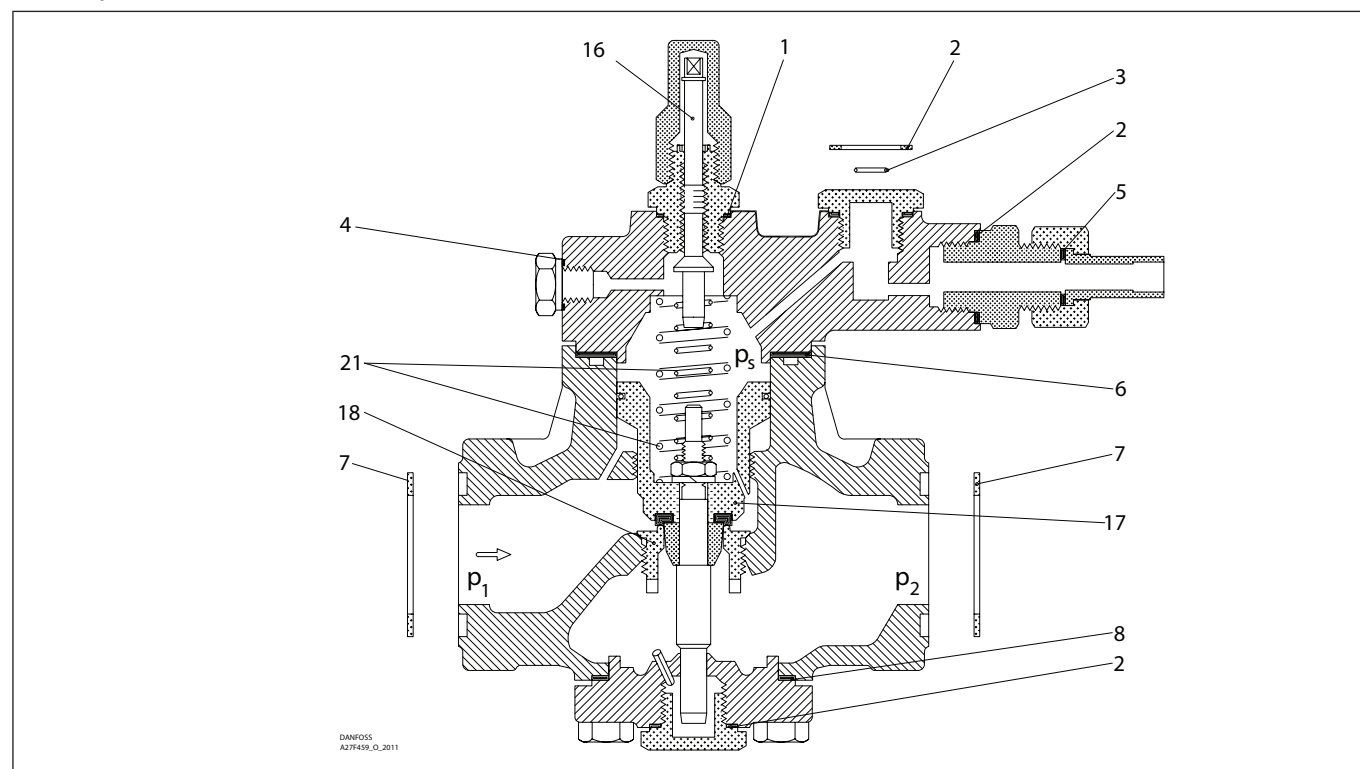
1 Total no. = 1	2 Total no. = 4	3 Total no. = 3	4 Total no. = 1	5 Total no. = 1	6 Total no. = 1
7 Total no. = 2	8 Total no. = 1	9* Total no. = 1	10* Total no. = 1	16 	17
18 	21 Standard 1 set				

* The spare part is included in the package but is not used for PMFL size 80-1.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0631
PMFL, size 80-2



1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø80 mm Ø3.15" 3
18 Ø18 mm Ø0.71"	21 Standard Ø13 mm Ø0.51" Ø25 mm Ø0.98" 1 set				

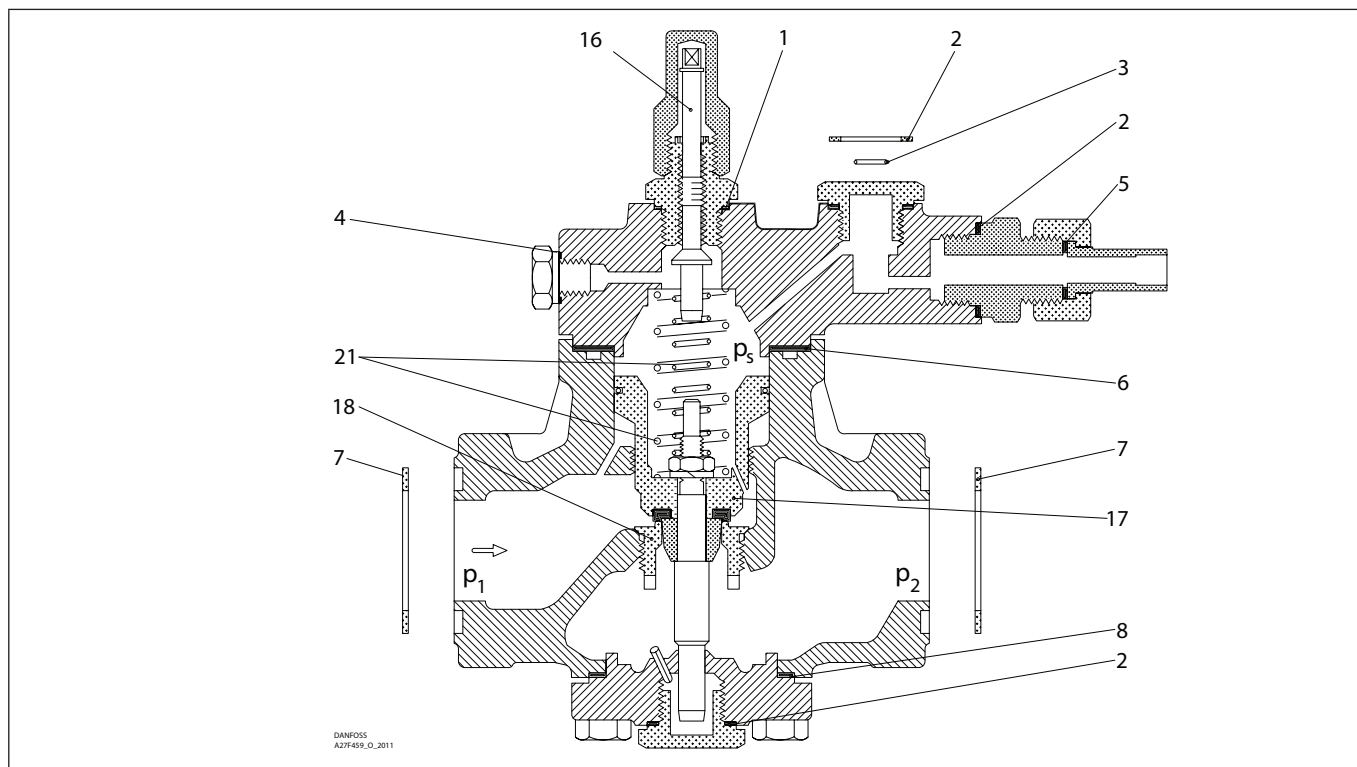
* The spare part is included in the package but is not used for PMFL size 80-2.

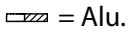
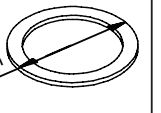
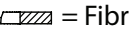
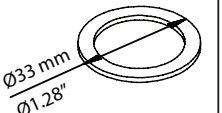
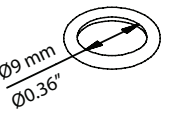
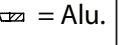
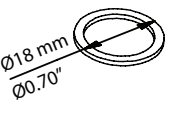
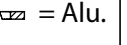
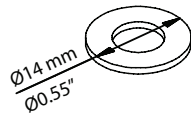
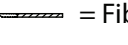
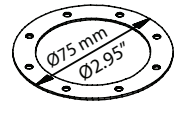
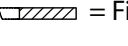
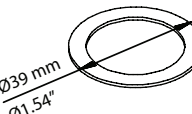
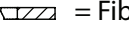
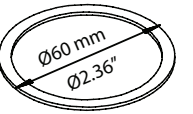
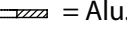
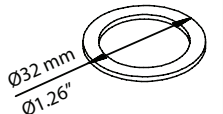
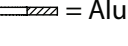
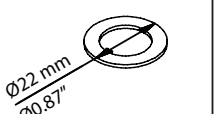
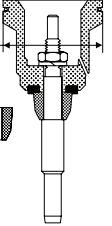
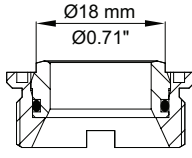
For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0632

PMFL, size 80-3



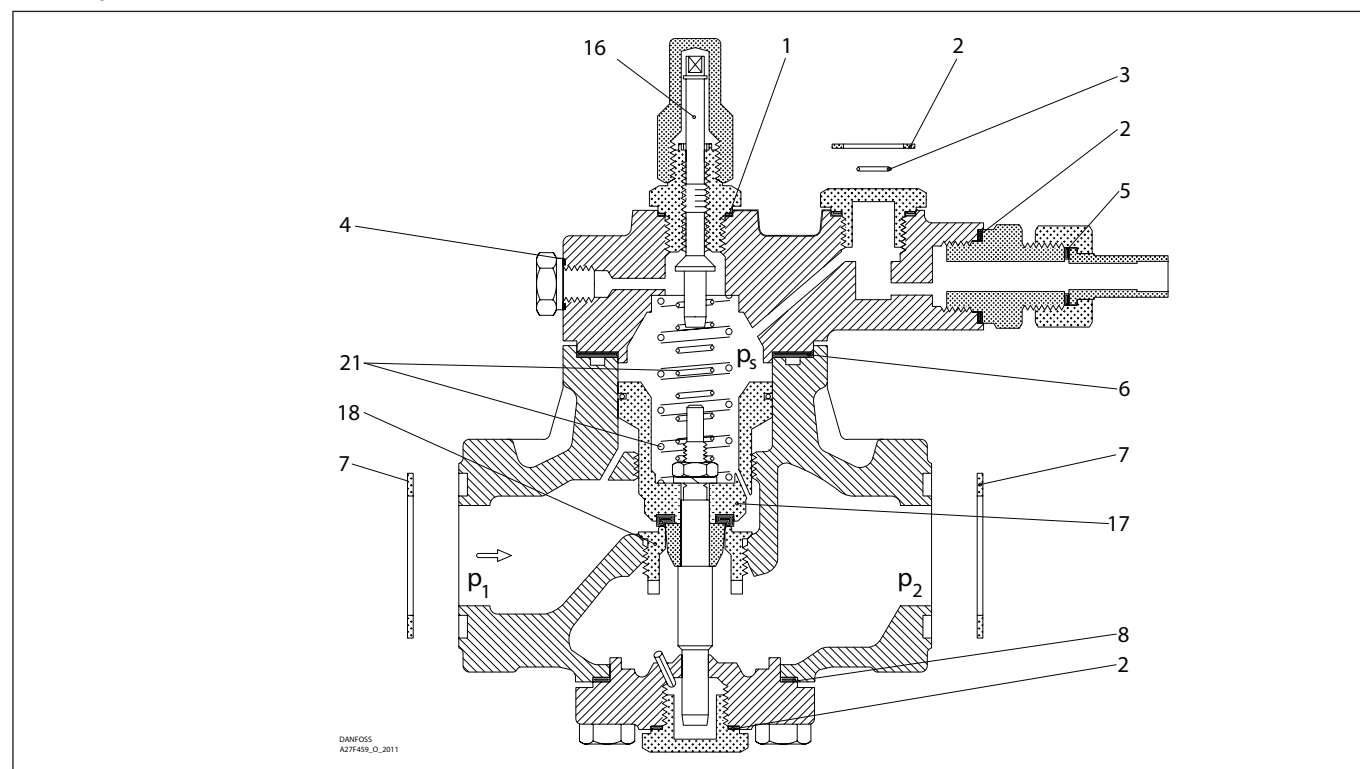
1  = Alu.  $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2  = Fibre  $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3   $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4  = Alu.  $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5  = Alu.  $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6  = Fibre  $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7  = Fibre  $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8  = Fibre  $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9*  = Alu.  $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10*  = Alu.  $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17  $\varnothing 80 \text{ mm}$ $\varnothing 3.15''$
18  $\varnothing 18 \text{ mm}$ $\varnothing 0.71''$	21 Standard  $\varnothing 13 \text{ mm}$ $\varnothing 0.51''$ $\varnothing 25 \text{ mm}$ $\varnothing 0.98''$ 1 set				

* The spare part is included in the package but is not used for PMFL size 80-3.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0633
PMFL, size 80-4



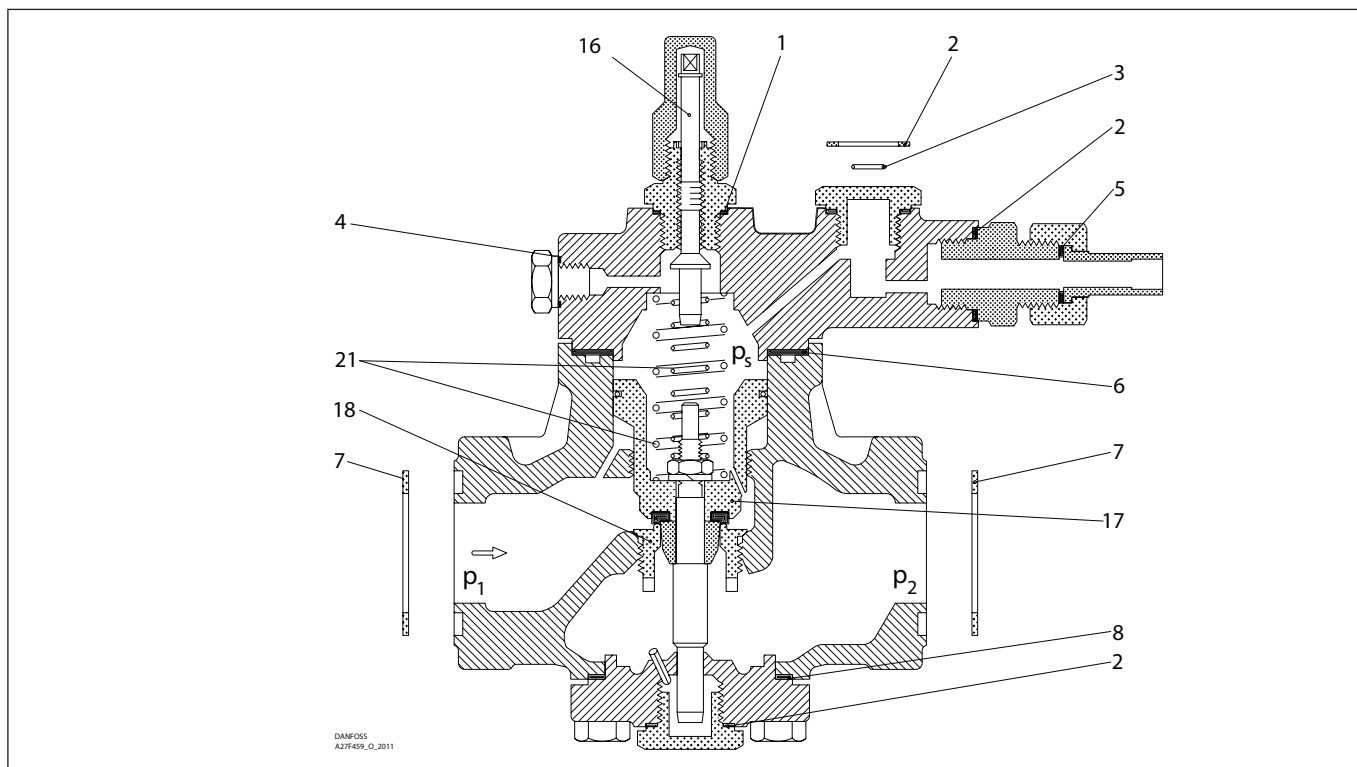
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø80 mm Ø3.15" 6
18 	21 Standard Ø13 mm Ø0.51" Ø25 mm Ø0.98" 1 set				

* The spare part is included in the package but is not used for PMFL size 80-4.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0634
PMFL, size 80-5



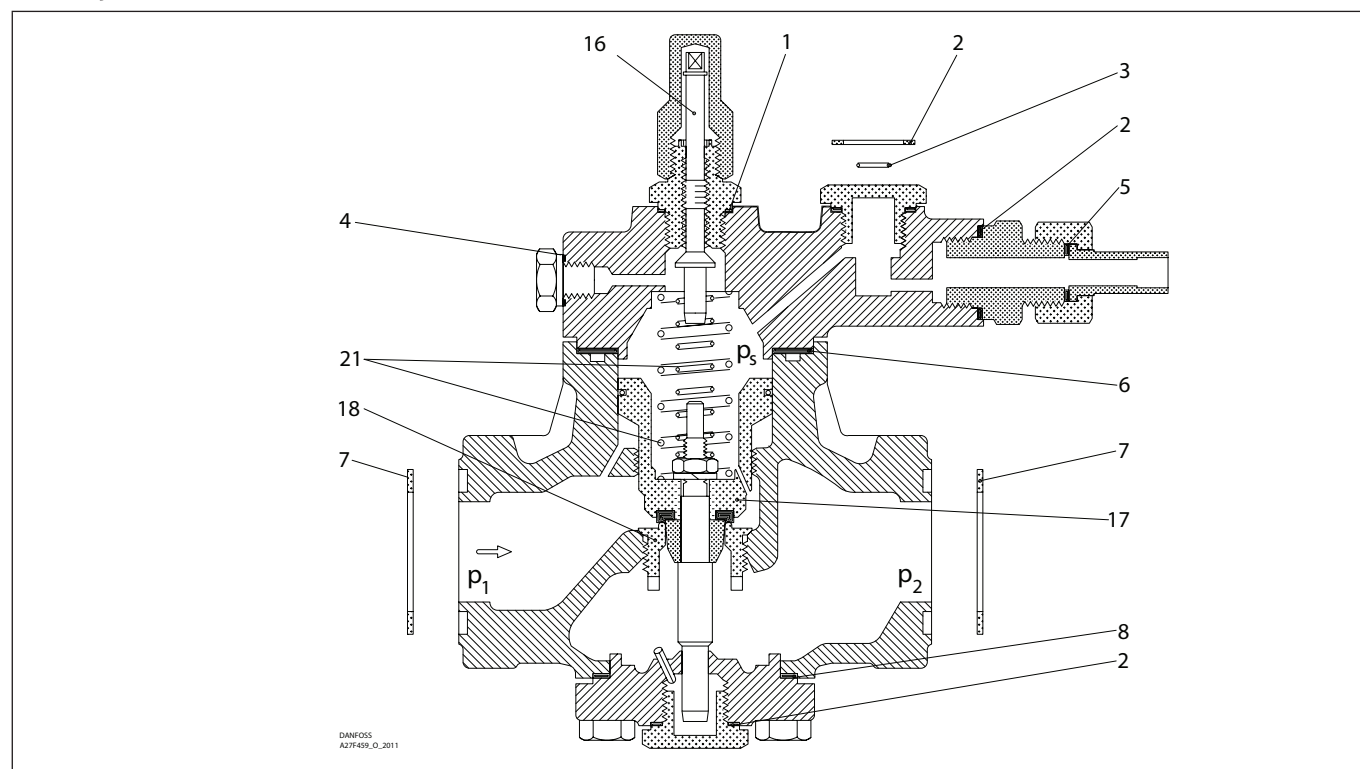
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø80 mm Ø3.15" 9
18 Ø23 mm Ø0.91"	21 Standard Ø13 mm Ø0.51" Ø25 mm Ø0.98" 1 set				

* The spare part is included in the package but is not used for PMFL size 80-5.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0635
PMFL, size 80-6



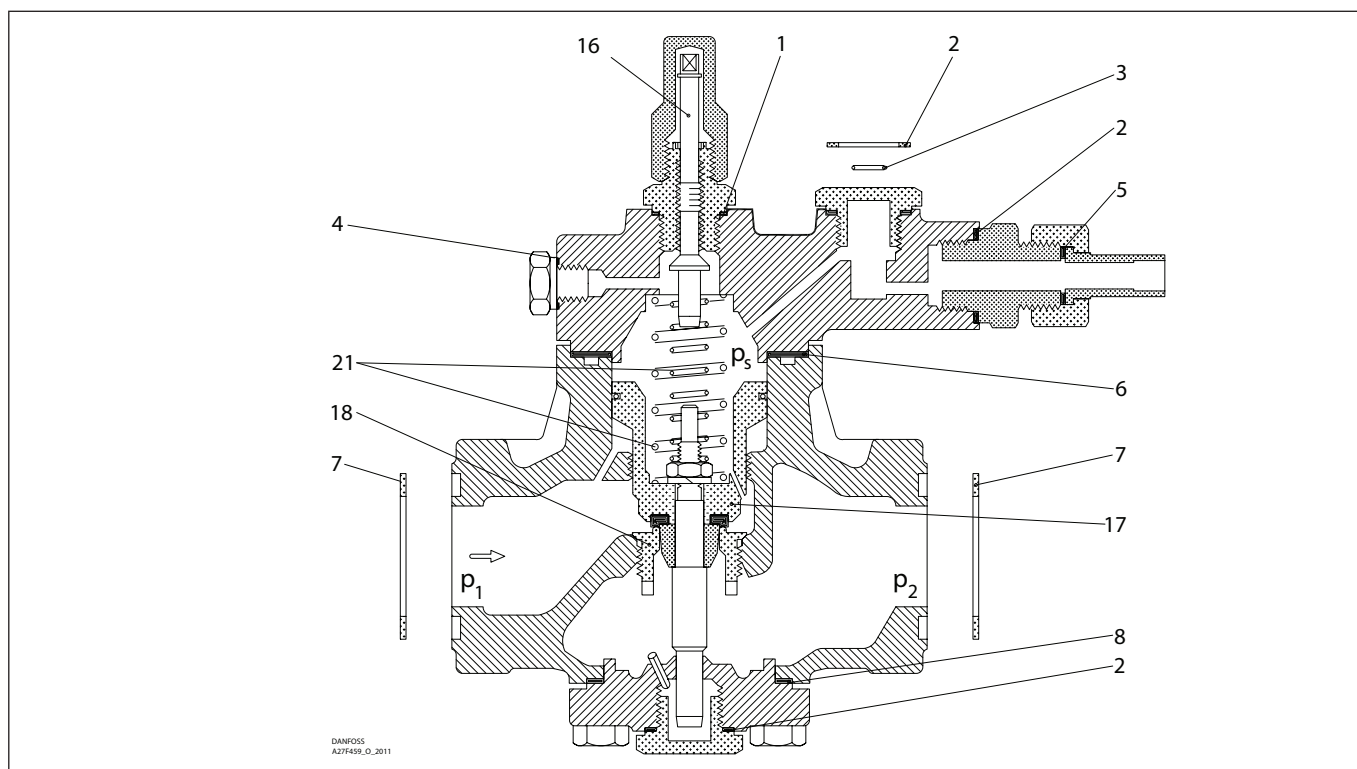
1 = Alu. $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 = Fibre $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 = Alu. $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 = Alu. $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5 = Alu. $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 = Fibre $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7 = Fibre $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8 = Fibre $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9* = Alu. $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* = Alu. $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17 $\varnothing 80 \text{ mm}$ $\varnothing 3.15''$
18 $\varnothing 23 \text{ mm}$ $\varnothing 0.91''$	21 Standard $\varnothing 13 \text{ mm}$ $\varnothing 0.51''$ $\varnothing 25 \text{ mm}$ $\varnothing 0.98''$ 1 set				

* The spare part is included in the package but is not used for PMFL size 80-6.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0636
PMFL, size 80-7



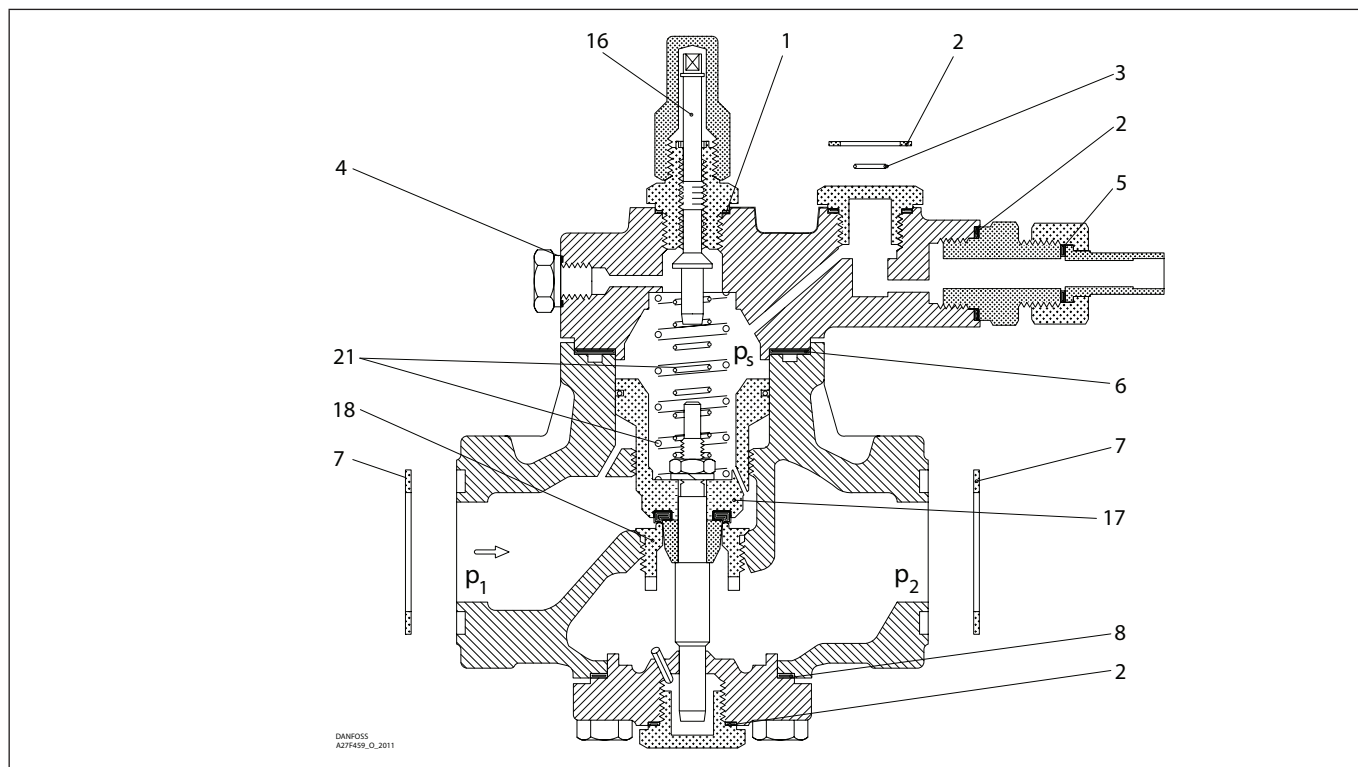
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø80 mm Ø3.15" 30
18 Ø23 mm Ø0.91"	21 Standard Ø13 mm Ø0.51" Ø25 mm Ø0.98" 1 set				

* The spare part is included in the package but is not used for PMFL size 80-7.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0637
PMFL, size 125



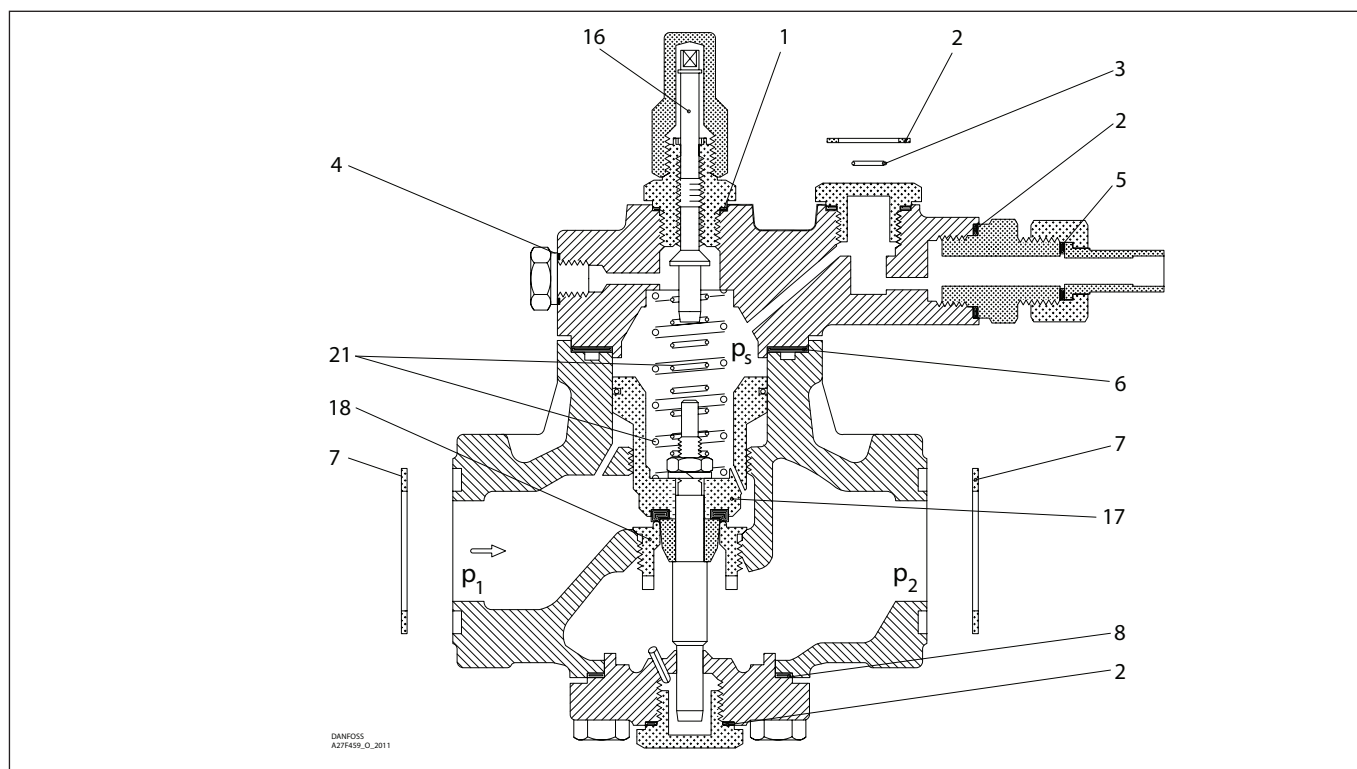
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø85 mm Ø3.35" Total no. = 1
7 = Fibre Ø58 mm Ø2.28" Total no. = 2	8 = Fibre Ø70 mm Ø2.76" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 20 mm 0.79"	17 Ø60 mm Ø2.36"
18 Ø26 mm Ø1.02"	21 Standard Ø16 mm Ø0.63" Ø32 mm Ø1.26" 1 set				

* The spare part is included in the package but is not used for PMFL size 125.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0638
PMFL, size 200



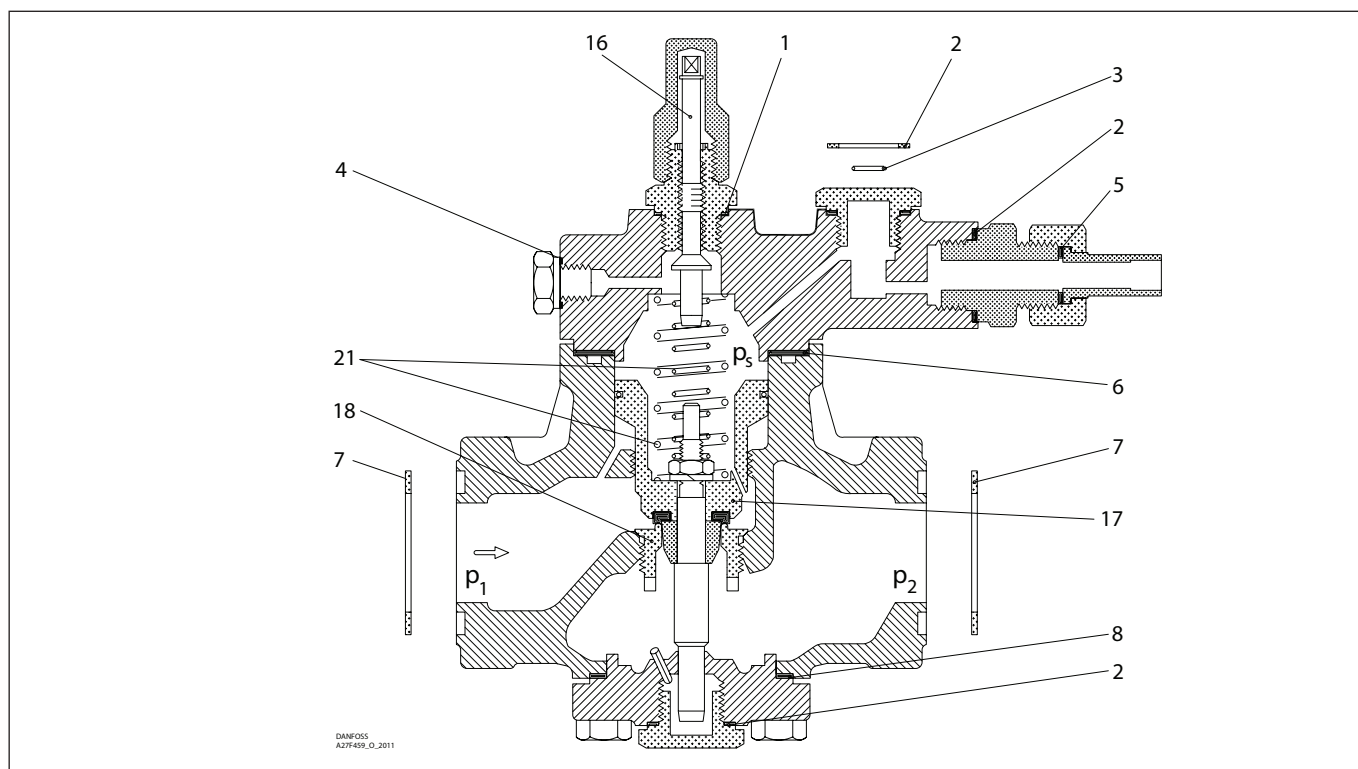
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8 = Fibre Ø78 mm Ø3.07" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 20 mm 0.79"	17 Ø68 mm Ø2.68"
18 Ø34 mm Ø1.34"	21 Standard Ø16 mm Ø0.63" Ø35 mm Ø1.38" 1 set				

* The spare part is included in the package but is not used for PMFL size 200.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0639
PMFL, size 300



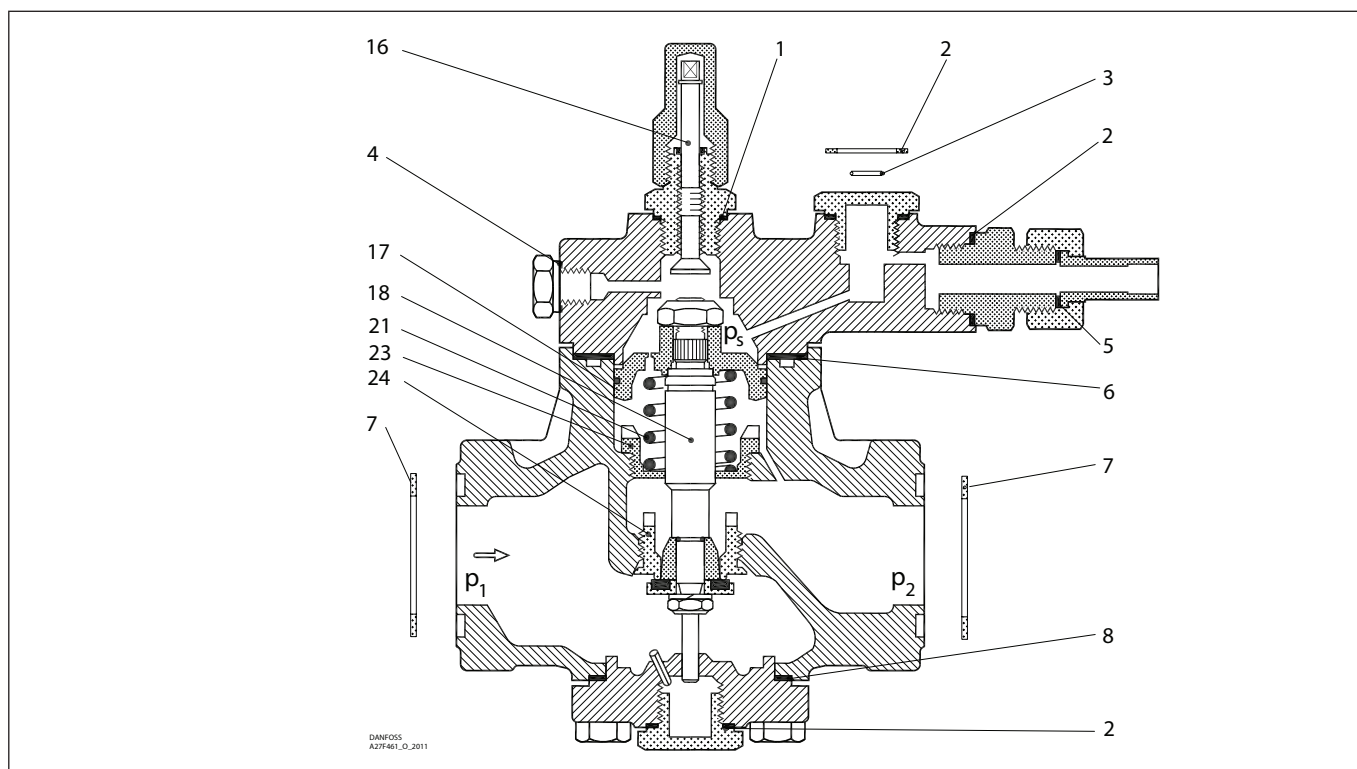
1 $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2 $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3 $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4 $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5 $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6 $\varnothing 105 \text{ mm}$ $\varnothing 4.13''$ Total no. = 1
7 $\varnothing 76 \text{ mm}$ $\varnothing 2.99''$ Total no. = 2	8 $\varnothing 92 \text{ mm}$ $\varnothing 3.62''$ Total no. = 1	9* $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10* $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 26 mm 1.02''	17 $\varnothing 80 \text{ mm}$ $\varnothing 3.14''$
18 $\varnothing 37 \text{ mm}$ $\varnothing 1.46''$	21 Standard $\varnothing 17 \text{ mm}$ $\varnothing 0.67''$ $\varnothing 35 \text{ mm}$ $\varnothing 1.38''$ 1 set				

* The spare part is included in the package but is not used for PMFL size 300.

For identification and installation of Weak and Strong spring sets please see Installation guide DKRCI.PI.GE1.C

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0663
PMFH, size 80-2

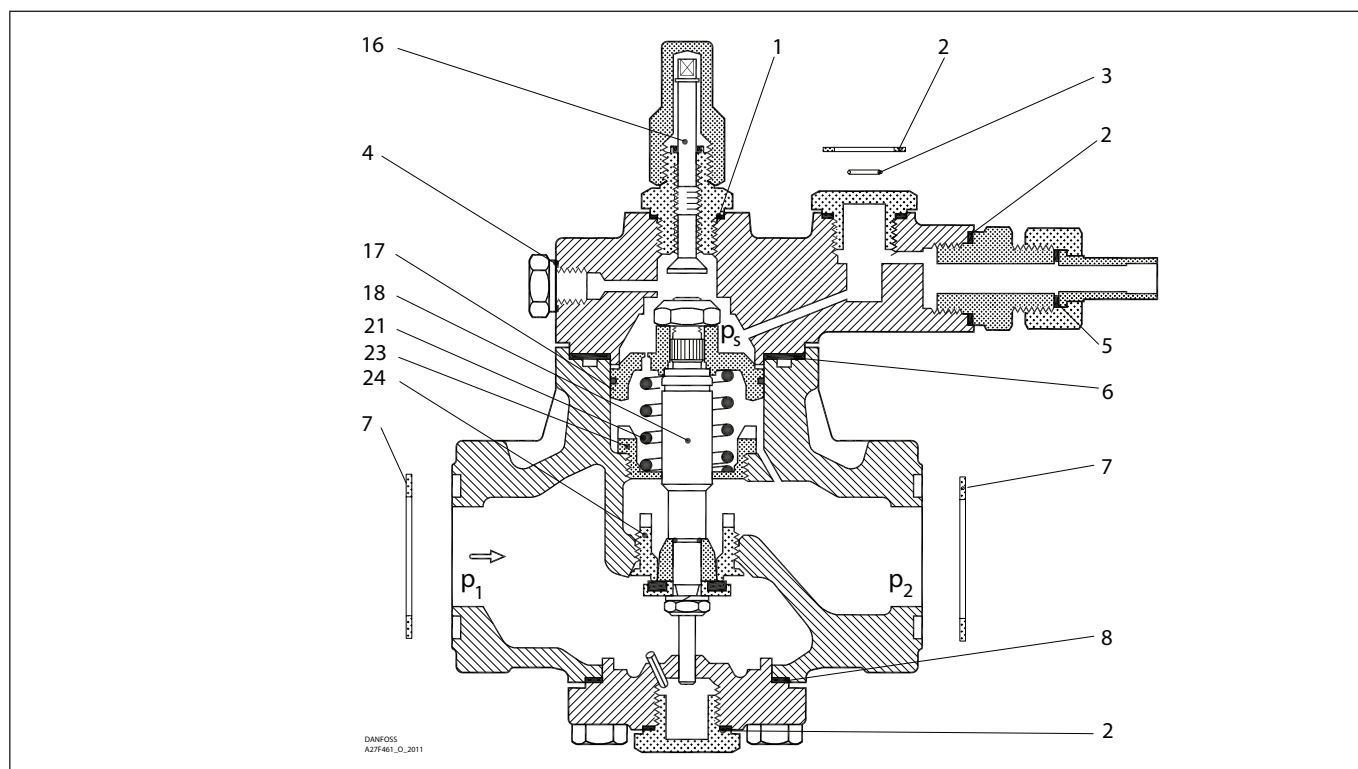


1 = Alu. Total no. = 1	2 = Fibre Total no. = 4	3 = Alu. Total no. = 3	4 = Alu. Total no. = 1	5 = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9* = Alu. Total no. = 1	10* = Alu. Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø18 mm Ø0.71"	21 Standard Ø28 mm Ø1.10" Total no. = 1	21 Weak Ø27 mm Ø1.06" Total no. = 1	23 M39	24 Ø23 mm Ø0.91"	

* The spare part is included in the package but is not used for PMFH size 80-2.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0669
PMFH, size 80-3

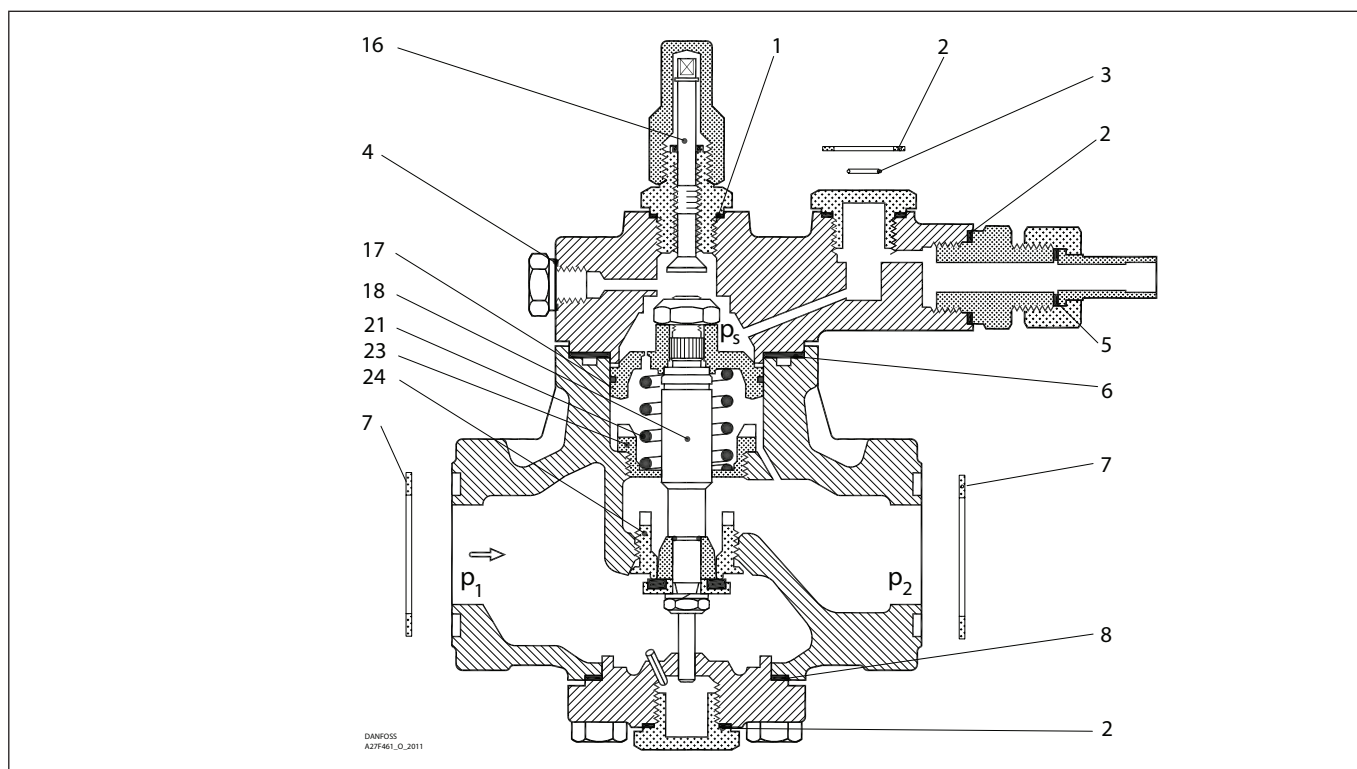


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø18 mm Ø0.71"	21 Standard Ø28 mm Ø1.10" Total no. = 1 Weak Ø27 mm Ø1.06" Total no. = 1	23 M39	24 Ø23 mm Ø0.91"		

* The spare part is included in the package but is not used for PMFH size 80-3.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0676
PMFH, size 80-4

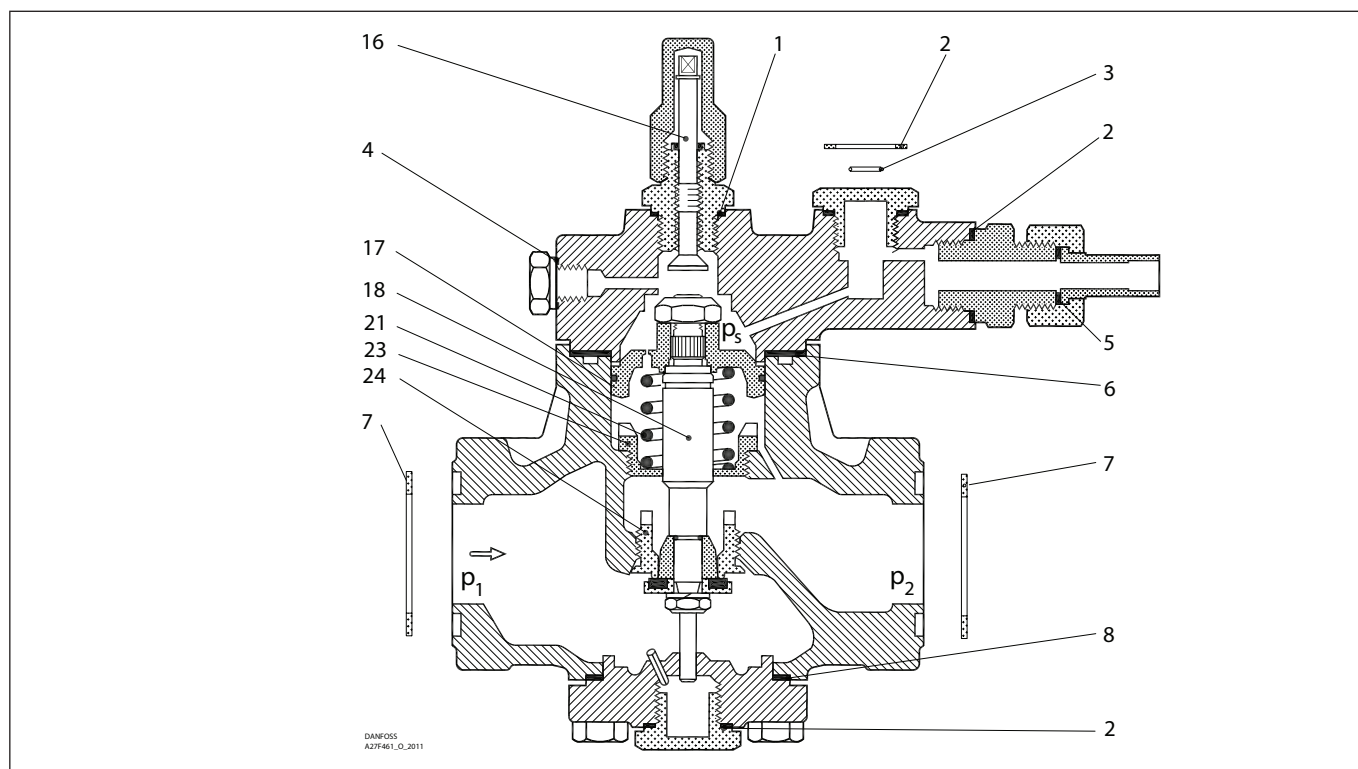


1 	2 	3 	4 	5 	6
Total no. = 1	Total no. = 4	Total no. = 3	Total no. = 1	Total no. = 1	Total no. = 1
7 	8 	9* 	10* 	16 	17
Total no. = 2	Total no. = 1	Total no. = 1	Total no. = 1		
18 	21 Standard Weak 		23 	24 	
	Total no. = 1		Total no. = 1		

* The spare part is included in the package but is not used for PMFH size 80-4.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0677
PMFH, size 80-5

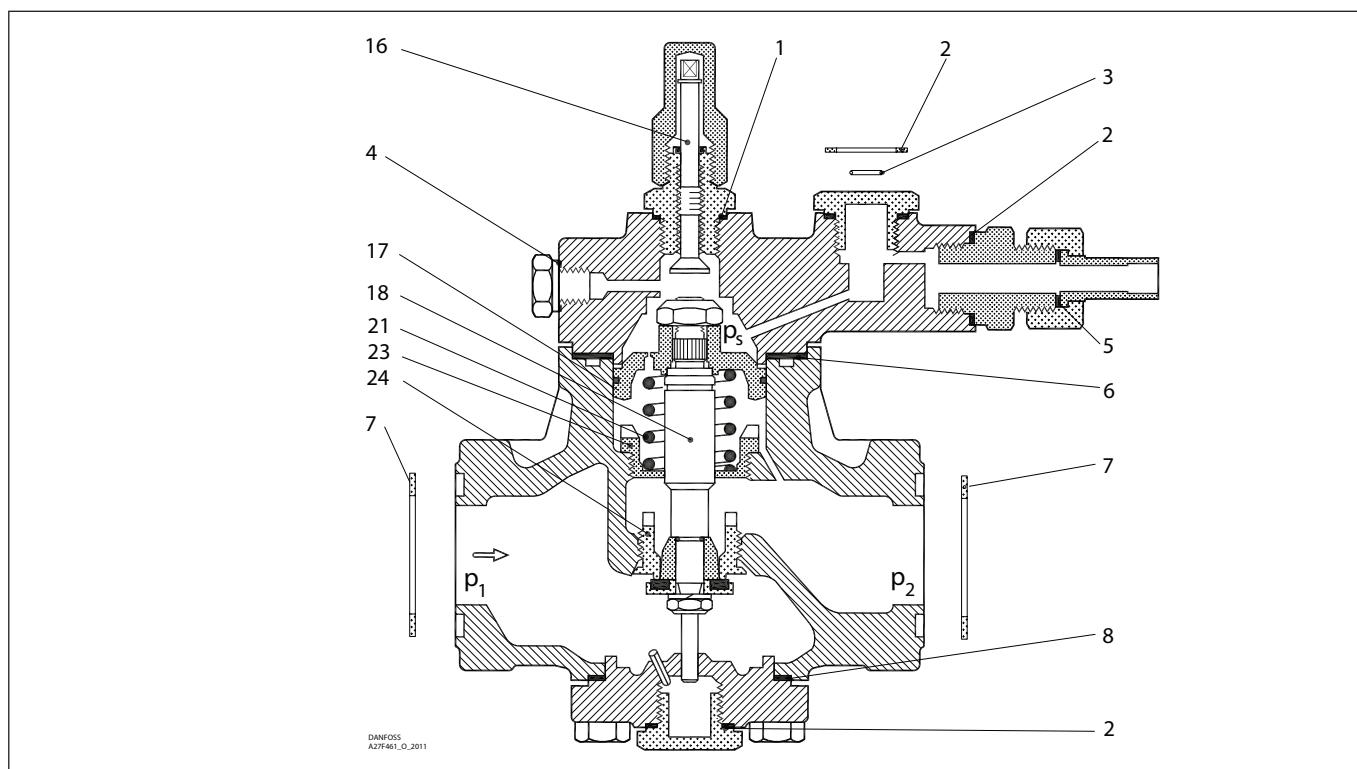


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø18 mm Ø0.71"	21 Standard Ø28 mm Ø1.10" Total no. = 1 Weak Ø27 mm Ø1.06" Total no. = 1	23 M39	24 Ø23 mm Ø0.91"		

* The spare part is included in the package but is not used for PMFH size 80-5.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0678
PMFH, size 80-6

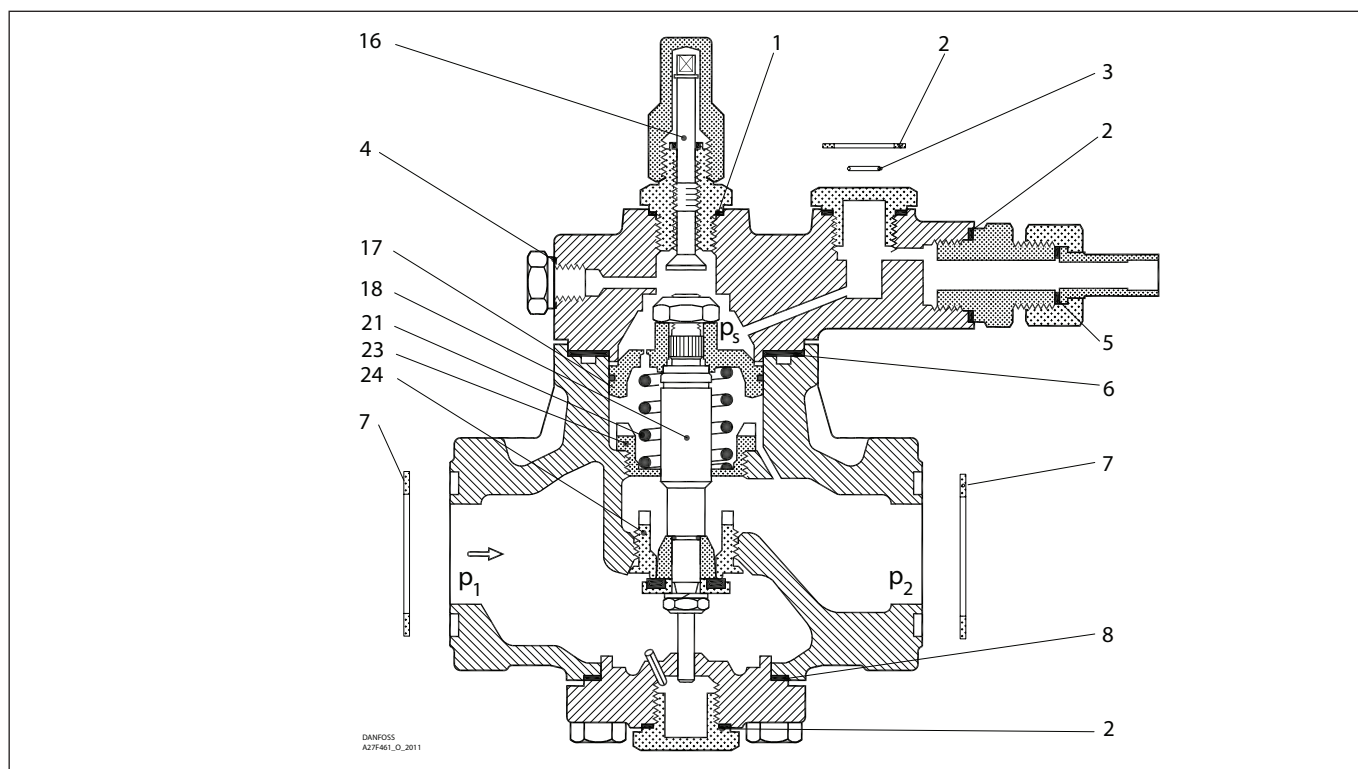


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø18 mm Ø0.71"	21 Standard Ø28 mm Ø1.10" Total no. = 1	Weak Ø27 mm Ø1.06" Total no. = 1	23 M39	24 Ø23 mm Ø0.91"	

* The spare part is included in the package but is not used for PMFH size 80-6.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0700
PMFH, size 80-7

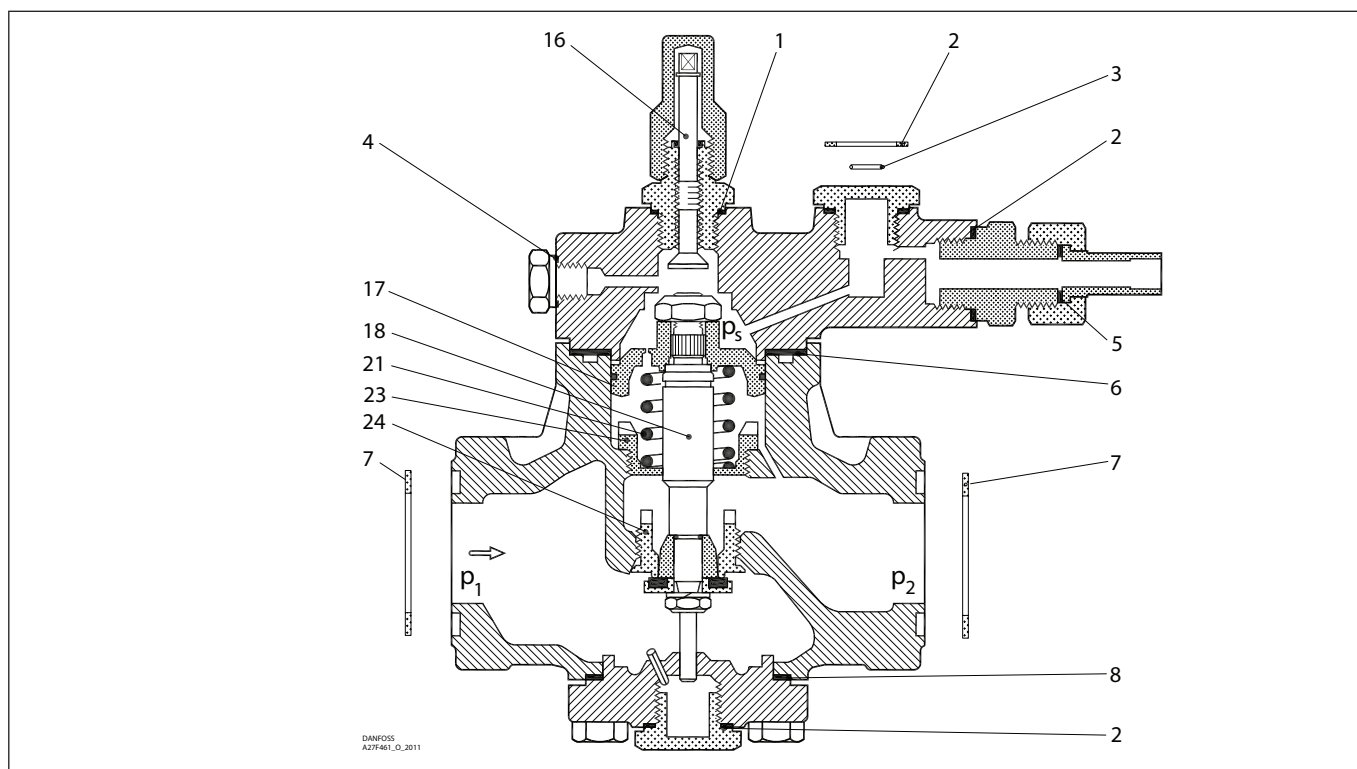


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø18 mm Ø0.71"	21 Standard Ø28 mm Ø1.10" Total no. = 1 Weak Ø27 mm Ø1.06" Total no. = 1	23 M39	24 Ø23 mm Ø0.91"		

* The spare part is included in the package but is not used for PMFH size 80-7.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0704
PMFH, size 125

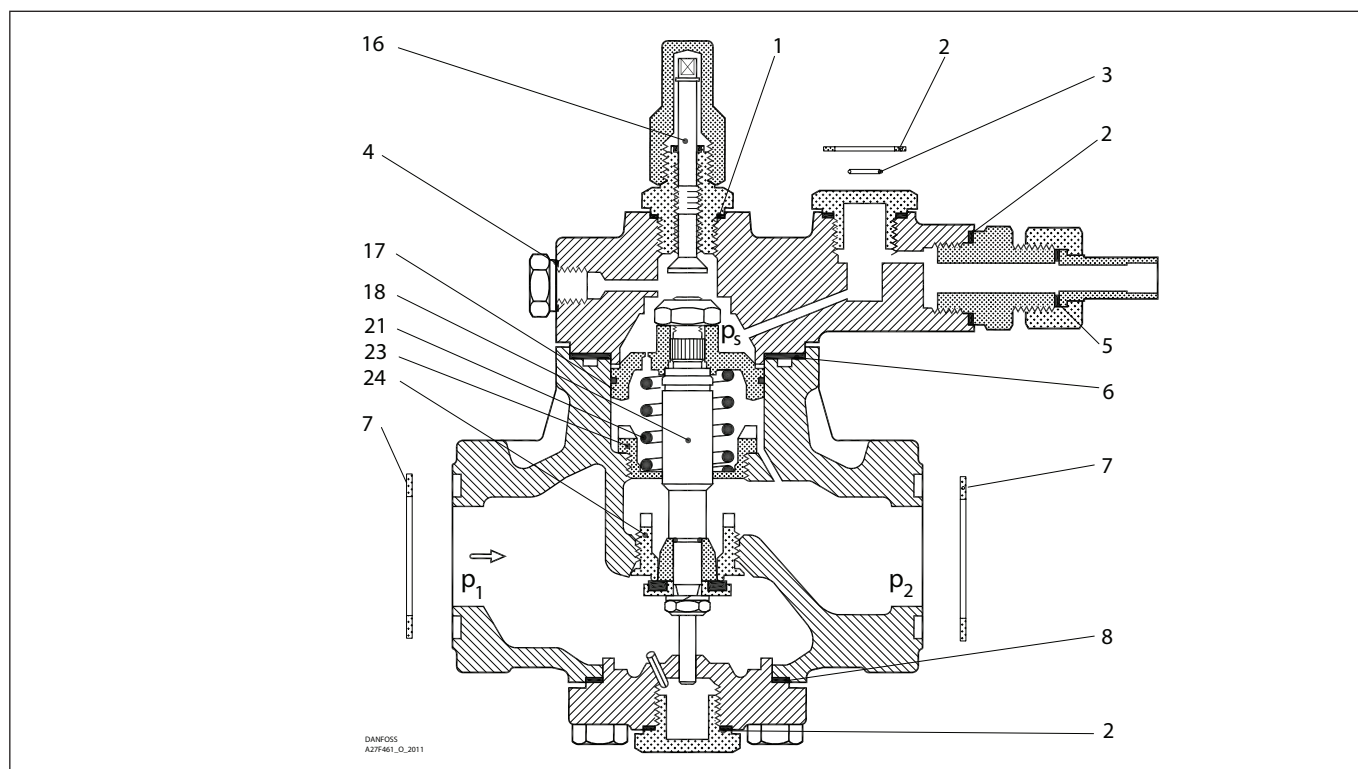


1 = Alu. Total no. = 1	2 = Fibre Total no. = 4	3 = Alu. Total no. = 3	4 = Alu. Total no. = 1	5 = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9* = Alu. Total no. = 1	10* = Alu. Total no. = 1	16 	17 Ø60 mm Ø2.36"
18 Ø21 mm Ø0.83"	21 Standard Ø29 mm Ø1.14" Weak Ø27 mm Ø1.06" Total no. = 1 Total no. = 1	23 M48	24 Ø26 mm Ø1.02"		

* The spare part is included in the package but is not used for PMFH size 125.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0705
PMFH, size 200

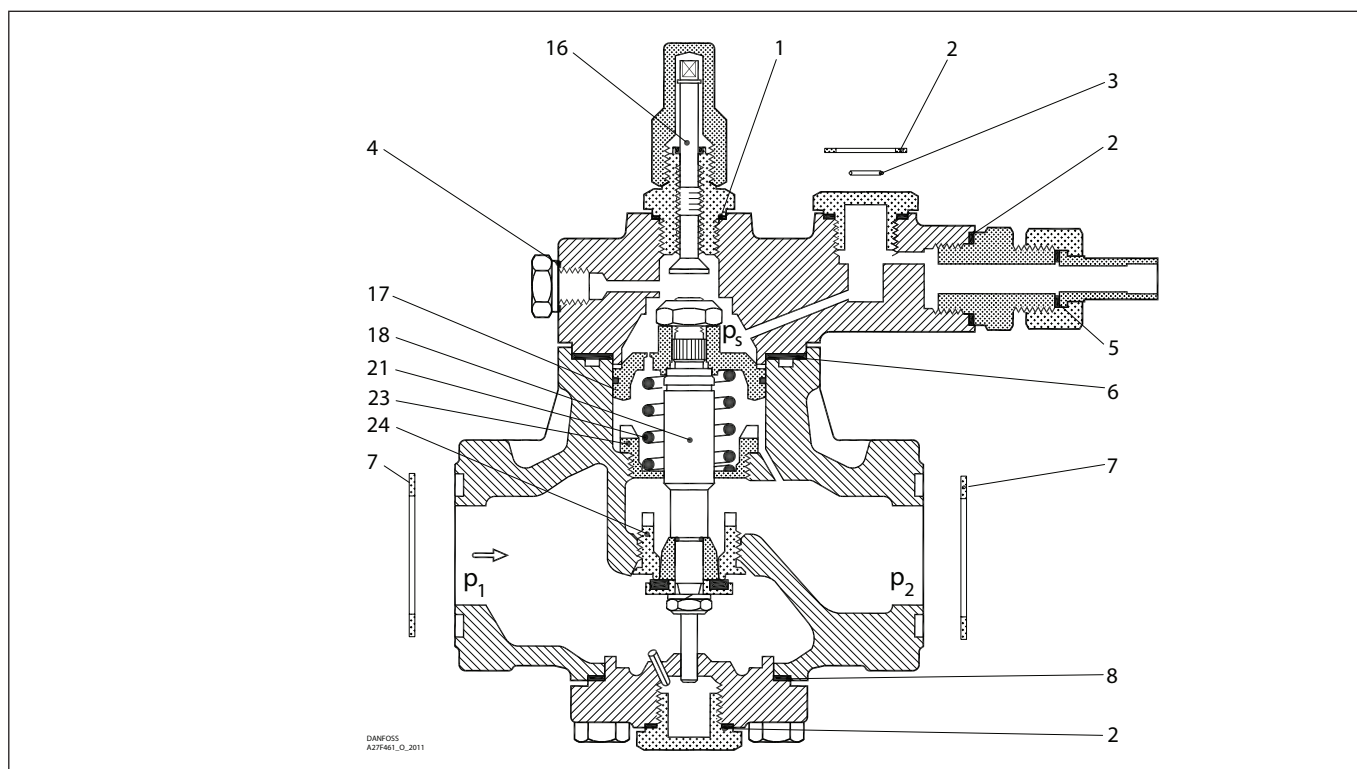


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø93 mm Ø3.66" Total no. = 1
7 = Fibre Ø65 mm Ø2.56" Total no. = 2	8 = Fibre Ø78 mm Ø3.07" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø68 mm Ø2.68"
18 Ø26 mm Ø1.02"	21 Standard Ø29 mm Ø1.14" Total no. = 1 Weak Ø27 mm Ø1.06" Total no. = 1	23 M52	24 Ø34 mm Ø1.34"		

* The spare part is included in the package but is not used for PMFH size 200.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0709
PMFH, size 300

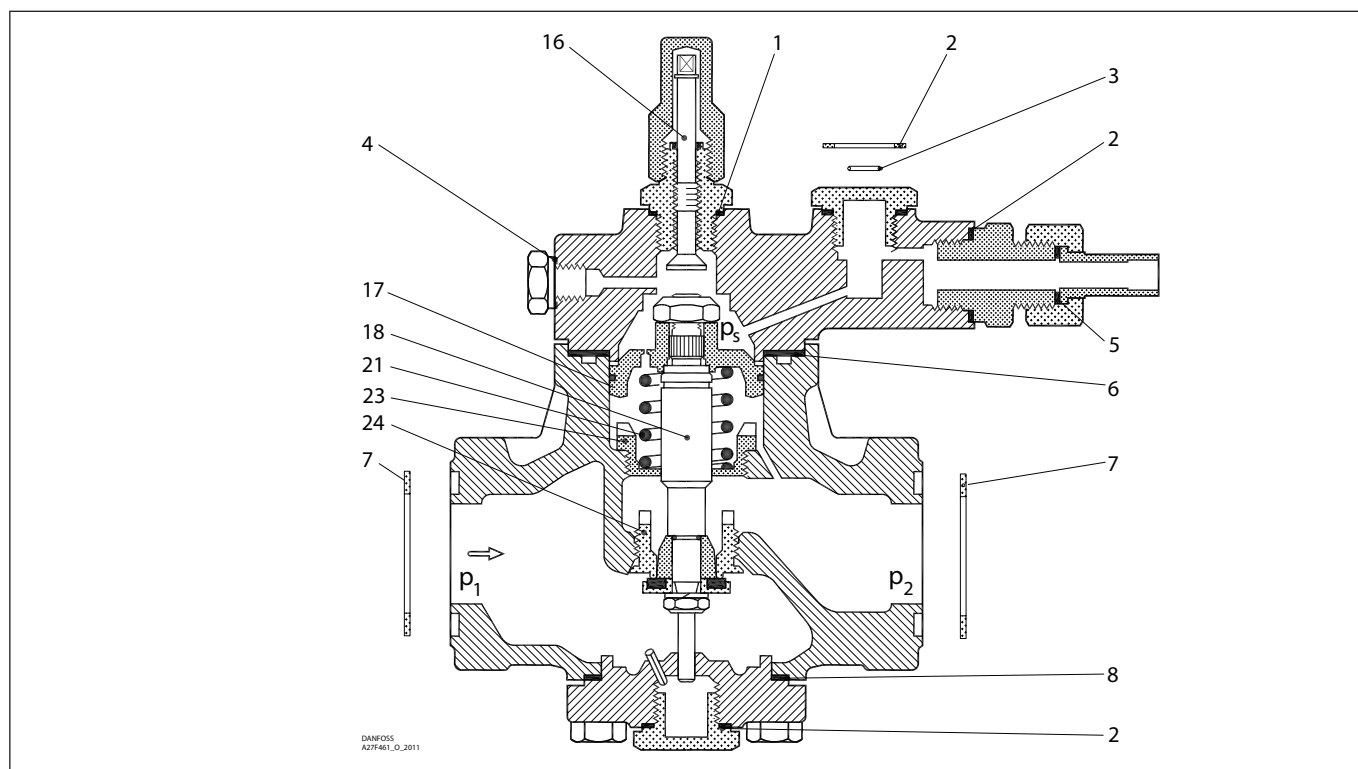


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø105 mm Ø4.13" Total no. = 1
7 = Fibre Ø76 mm Ø2.99" Total no. = 2	8 = Fibre Ø92 mm Ø3.62" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø80 mm Ø3.15"
18 Ø32 mm Ø1.26"	21 Standard Ø36 mm Ø1.42" Total no. = 1	21 Weak Ø33 mm Ø1.30" Total no. = 1	23 M64	24 Ø37 mm Ø1.46"	

* The spare part is included in the package but is not used for PMFH size 300.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0710
PMFH, size 500

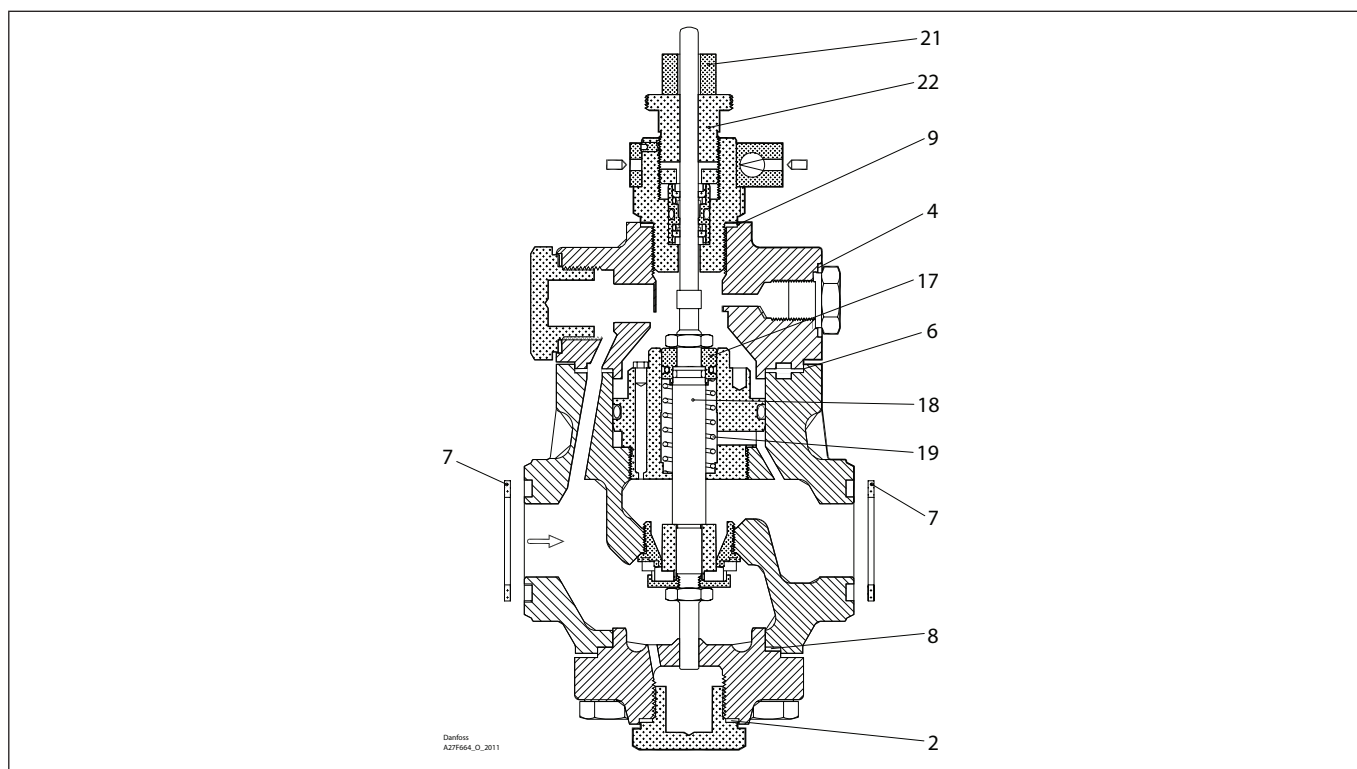


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5 = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø127 mm Ø5" Total no. = 1
7 = Fibre Ø87 mm Ø3.43" Total no. = 2	8 = Fibre Ø112 mm Ø4.41" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø100 mm Ø3.94"
18 Ø42 mm Ø1.65"	21 Standard Ø36 mm Ø1.42" Total no. = 1 Weak Ø33 mm Ø1.30" Total no. = 1	23 M80	24 Ø50 mm Ø1.97"		

* The spare part is included in the package but is not used for PMFH size 500.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0760
MEV, size 80-2

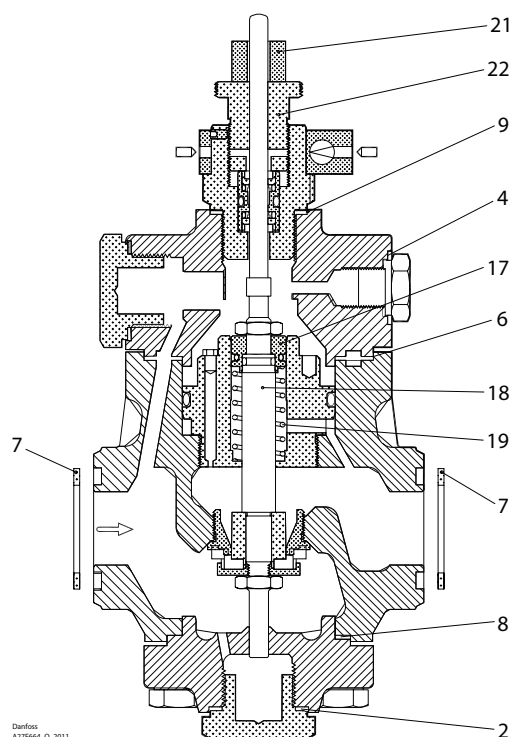


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3* = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	17 = Alu. Ø18 mm Ø0.71"	18 = Alu. Ø18 mm Ø0.71"
19 = Alu. Ø16 mm Ø0.63" Total no. = 1	21 = Alu. Ø17 mm Ø0.67" Total no. = 1	22 = Alu. 9 mm 0.35"			

* The spare part is included in the package but is not used for MEV 80-2.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0762
MEV, size 80-4

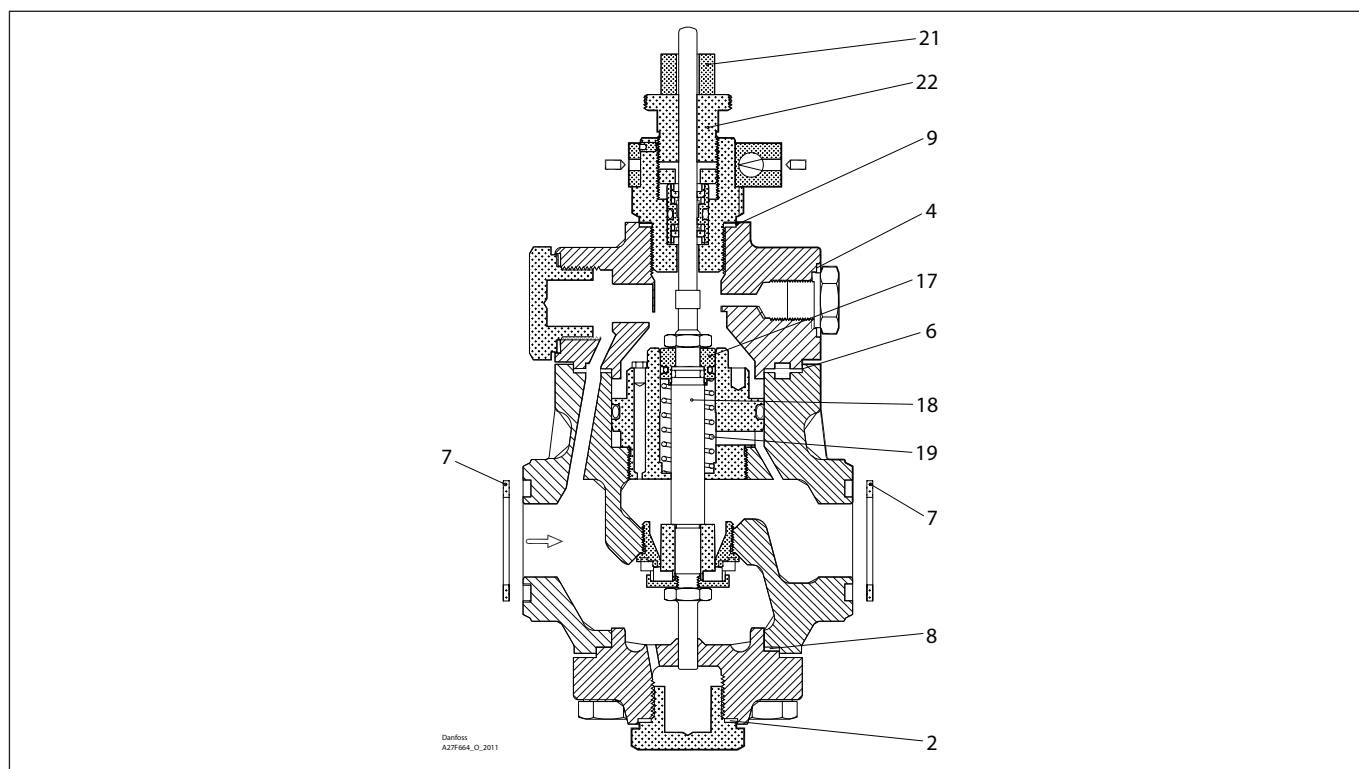


1* = Alu. Total no. = 1	2 = Fibre Total no. = 4	3* = Alu. Total no. = 3	4 = Alu. Total no. = 1	5* = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10* = Alu. Total no. = 1	17	18
19 Total no. = 1	21 Total no. = 1	22			

* The spare part is included in the package but is not used for MEV 80-4.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0763
MEV, size 80-5

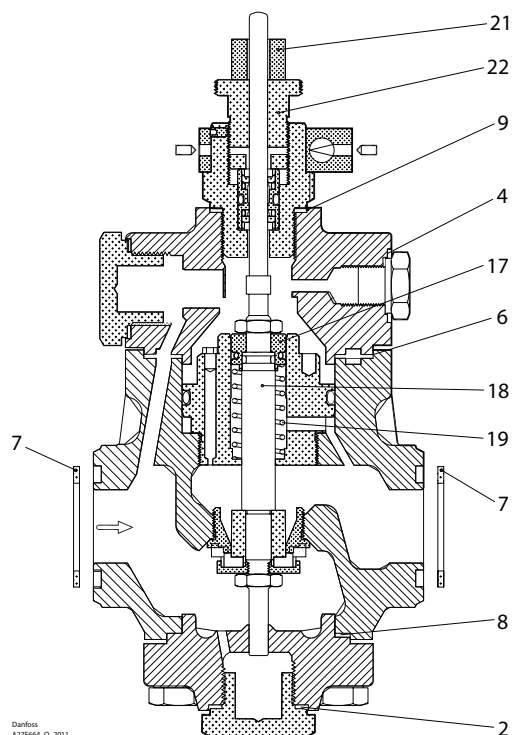


1* = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3* = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9 = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	17 Ø18 mm Ø0.71"	18 Ø18 mm Ø0.71"
19 Ø16 mm Ø0.63" Total no. = 1	21 Ø17 mm Ø0.67" Total no. = 1	22 9 mm 0.35"			

* The spare part is included in the package but is not used for MEV 80-5.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0764
MEV, size 80-6

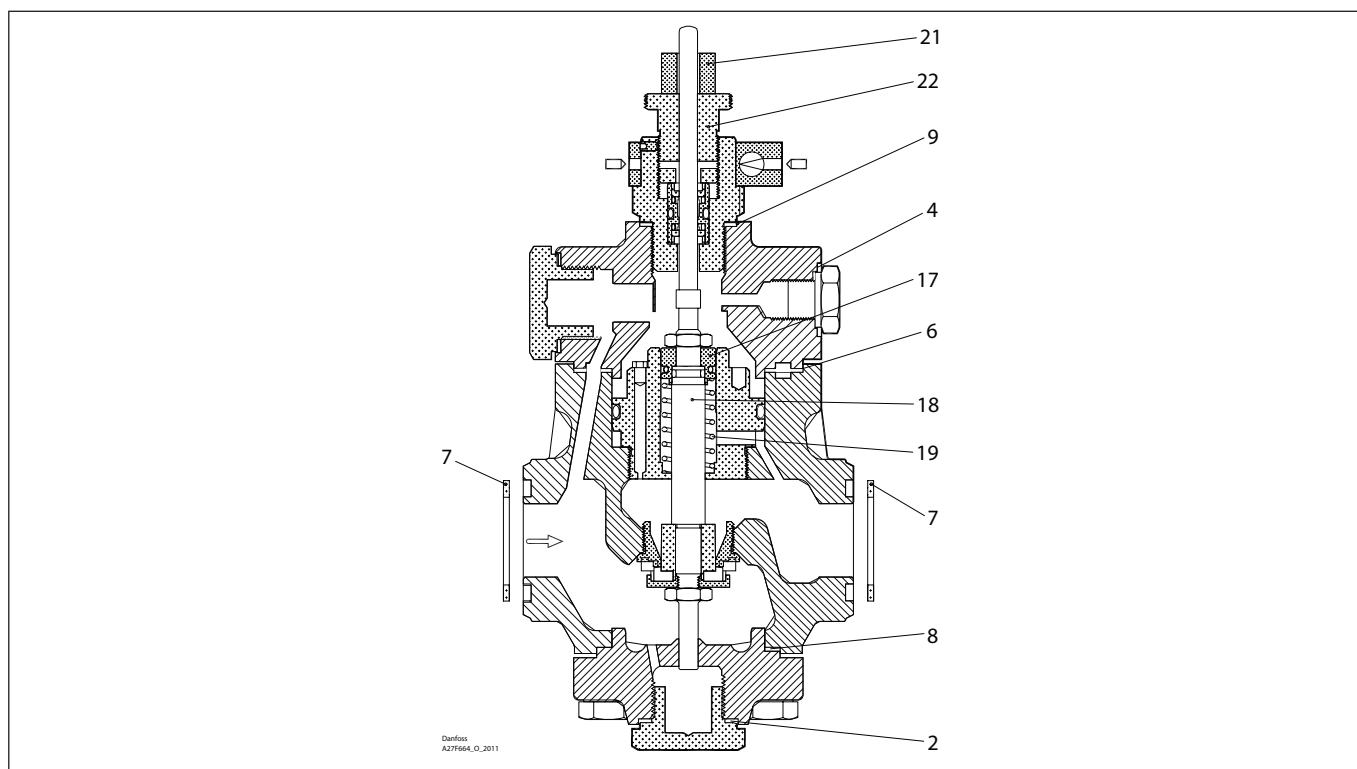


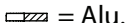
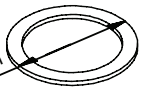
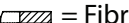
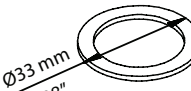
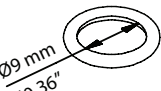
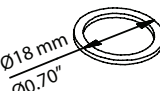
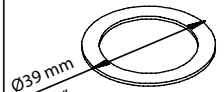
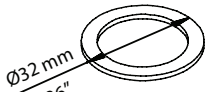
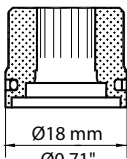
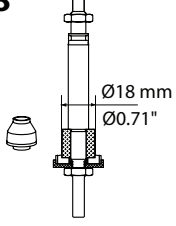
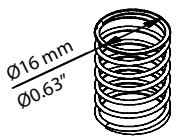
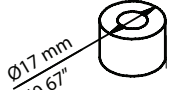
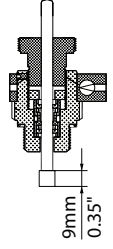
1* = Alu. Total no. = 1	2 = Fibre Total no. = 4	3* = Alu. Total no. = 3	4 = Alu. Total no. = 1	5* = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10* = Alu. Total no. = 1	17	18
19 Total no. = 1	21 Total no. = 1	22			

* The spare part is included in the package but is not used for MEV 80-6.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0765
MEV, size 80-7

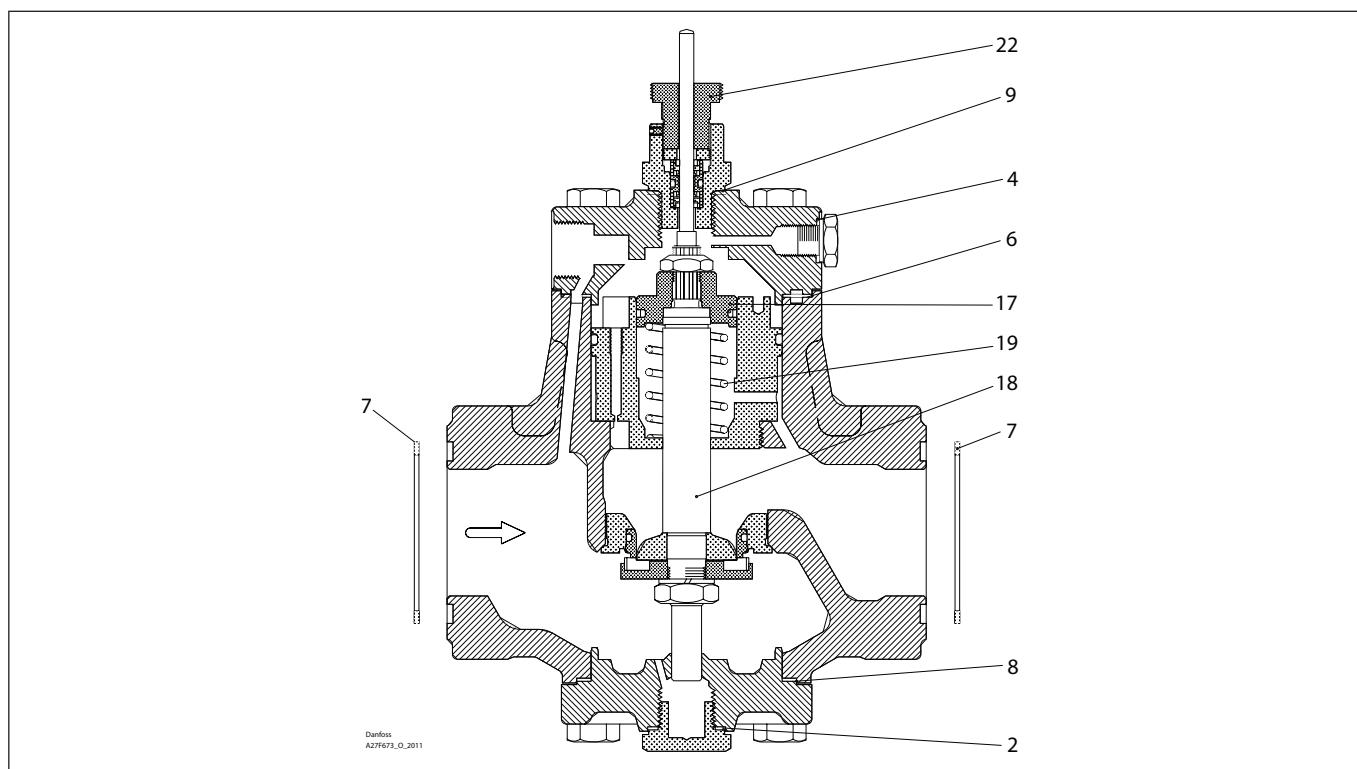


1*  = Alu.  Ø26 mm Ø1.02" Total no. = 1	2  = Fibre  Ø33 mm Ø1.28" Total no. = 4	3*   Ø9 mm Ø0.36" Total no. = 3	4  = Alu.  Ø18 mm Ø0.70" Total no. = 1	5*  = Alu.  Ø14 mm Ø0.55" Total no. = 1	6  = Fibre  Ø75 mm Ø2.95" Total no. = 1
7  = Fibre  Ø39 mm Ø1.54" Total no. = 2	8  = Fibre  Ø60 mm Ø2.36" Total no. = 1	9  = Alu.  Ø32 mm Ø1.26" Total no. = 1	10*  = Alu.  Ø22 mm Ø0.87" Total no. = 1	17  Ø18 mm Ø0.71"	18  Ø18 mm Ø0.71"
19  Ø16 mm Ø0.63" Total no. = 1	21  Ø17 mm Ø0.67" Total no. = 1	22  9 mm 0.35"			

* The spare part is included in the package but is not used for MEV 80-7.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0766
MEV, size 125

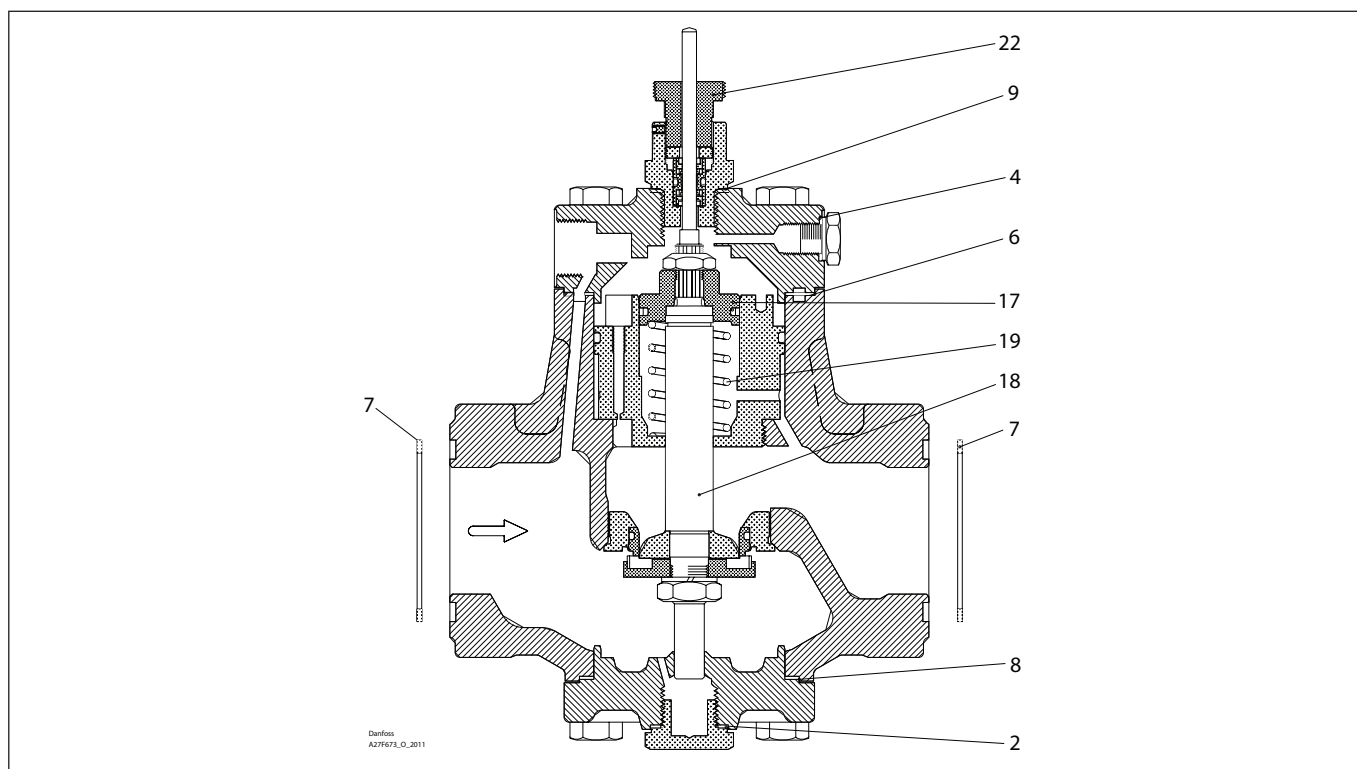


1* = Alu. Total no. = 1	2 = Fibre Total no. = 4	3* = Alu. Total no. = 3	4 = Alu. Total no. = 1	5* = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10* = Alu. Total no. = 1	17	18
19 Total no. = 1	22				

* The spare part is included in the package but is not used for MEV 125.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0767
MEV, size 200

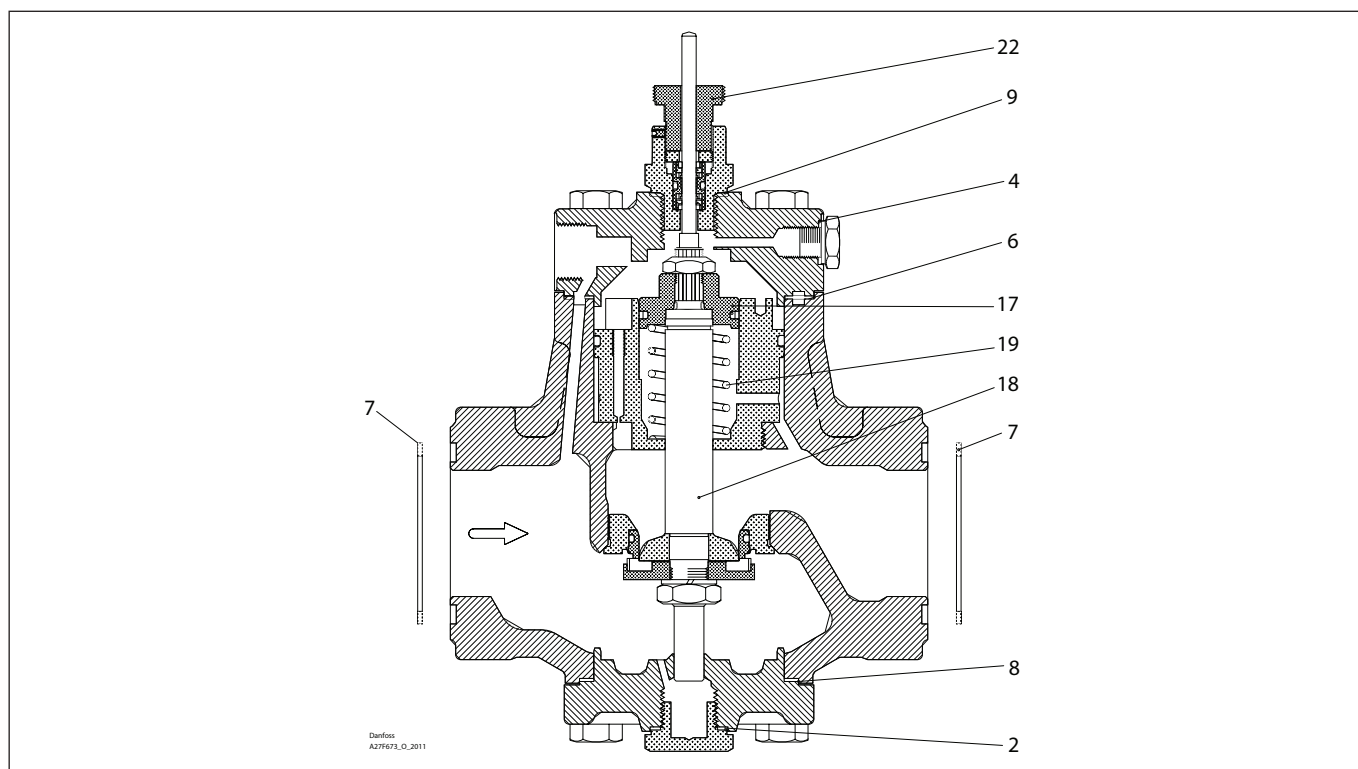


1* = Alu. Total no. = 1	2 = Fibre Total no. = 4	3* = Alu. Total no. = 3	4 = Alu. Total no. = 1	5* = Alu. Total no. = 1	6 = Fibre Total no. = 1
7 = Fibre Total no. = 2	8 = Fibre Total no. = 1	9 = Alu. Total no. = 1	10* = Alu. Total no. = 1	17	18
19 Total no. = 1	22				

* The spare part is included in the package but is not used for MEV 200.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0768
MEV, size 300

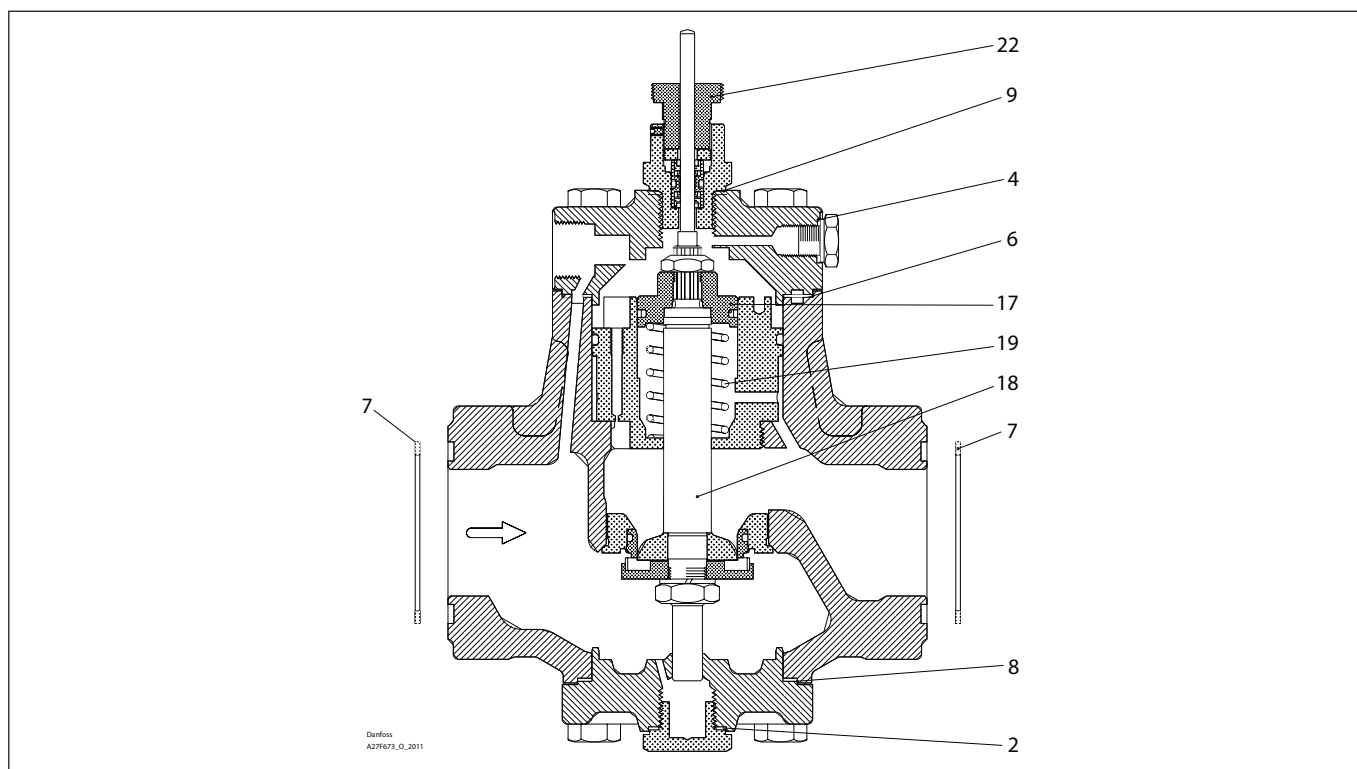


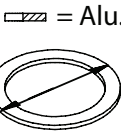
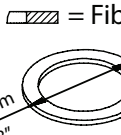
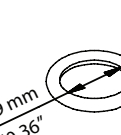
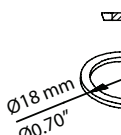
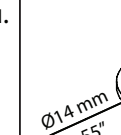
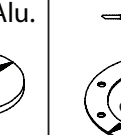
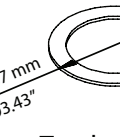
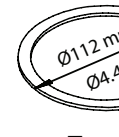
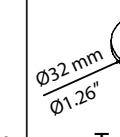
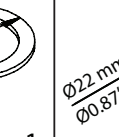
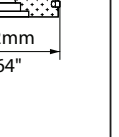
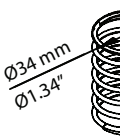
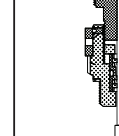
1* Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3* Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø105 mm Ø4.13" Total no. = 1
7 Fibre Ø76 mm Ø2.99" Total no. = 2	8 Fibre Ø92 mm Ø3.62" Total no. = 1	9 Alu. Ø32 mm Ø1.26" Total no. = 1	10* Alu. Ø22 mm Ø0.87" Total no. = 1	17 Ø32mm 1,26"	18 Ø32mm Ø1,26"
19 Ø28 mm Ø1.10" Total no. = 1	22 9mm 0.35"				

* The spare part is included in the package but is not used for MEV 300.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0769
MEV, size 500

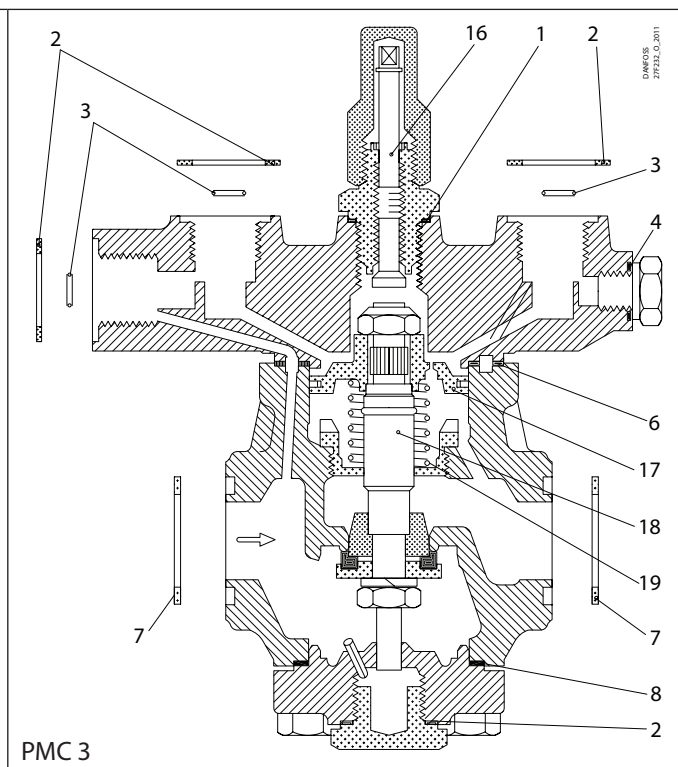
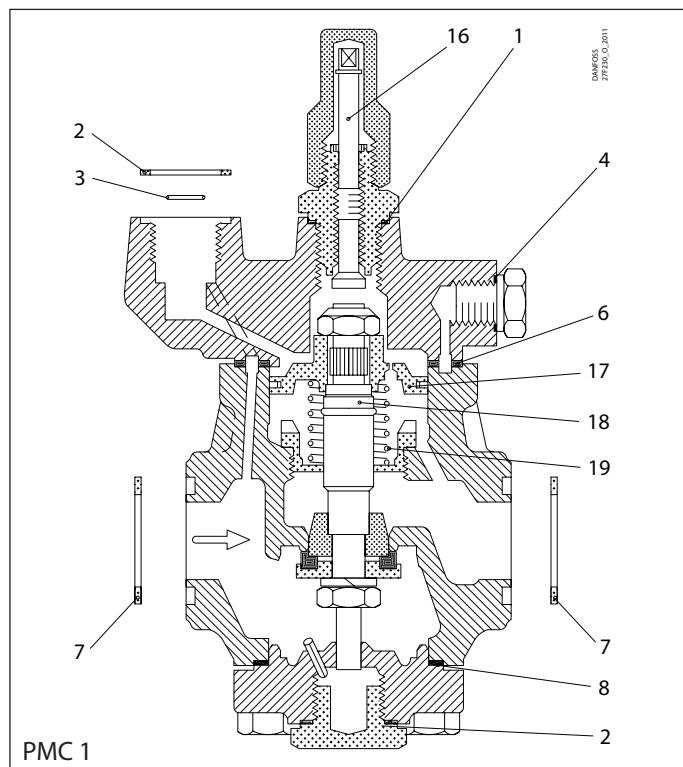


1*  = Alu. Ø26 mm Ø1.02" Total no. = 1	2  = Fibre Ø33 mm Ø1.28" Total no. = 4	3*  = Alu. Ø9 mm Ø0.36" Total no. = 3	4  = Alu. Ø18 mm Ø0.70" Total no. = 1	5*  = Alu. Ø14 mm Ø0.55" Total no. = 1	6  = Fibre Ø127 mm Ø5" Total no. = 1
7  = Fibre Ø87 mm Ø3.43" Total no. = 2	8  = Fibre Ø112 mm Ø4.41" Total no. = 1	9  = Alu. Ø32 mm Ø1.26" Total no. = 1	10*  = Alu. Ø22 mm Ø0.87" Total no. = 1	17  Ø42mm 1.64"	18  Ø42mm Ø1.65"
19  Ø34 mm Ø1.34" Total no. = 1	22  29mm 1.14"				

* The spare part is included in the package but is not used for MEV 500.

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0770
PMC, size 5

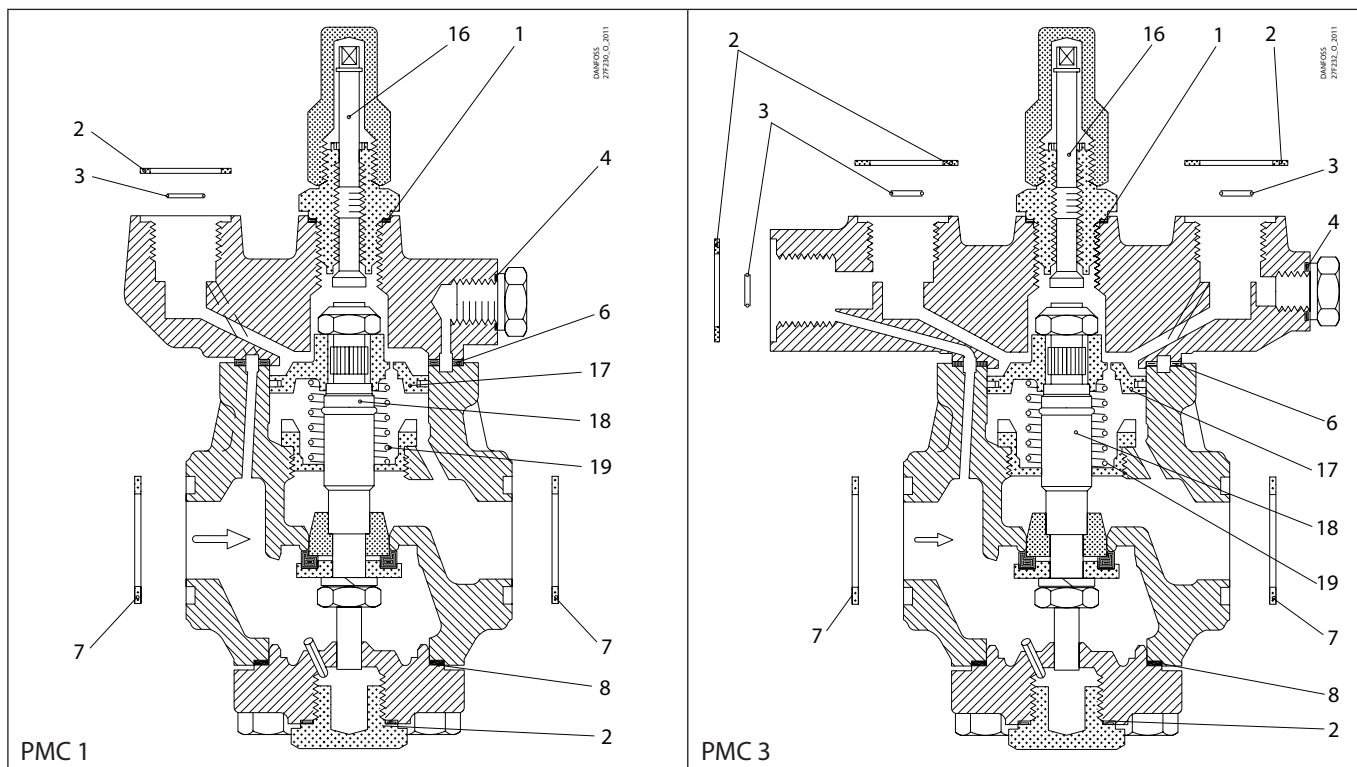


1 Alu. Ø26 mm Ø1.02" Total no. = 1	2 Fibre Ø33 mm Ø1.28" Total no. = 4	3 Ø9 mm Ø0.36" Total no. = 3	4 Alu. Ø18 mm Ø0.70" Total no. = 1	5* Alu. Ø14 mm Ø0.55" Total no. = 1	6 Fibre Ø75 mm Ø2.95" Total no. = 1
7 Fibre Ø39 mm Ø1.54" Total no. = 2	8 Fibre Ø60 mm Ø2.36" Total no. = 1	9* Alu. Ø32 mm Ø1.26" Total no. = 1	10* Alu. Ø22 mm Ø0.87" Total no. = 1	16	17 Ø50 mm Ø1.97"
18 Ø26 mm Ø1.02"	19 Ø26 mm Ø1.04" Total no. = 1				

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0754
PMC, size 8

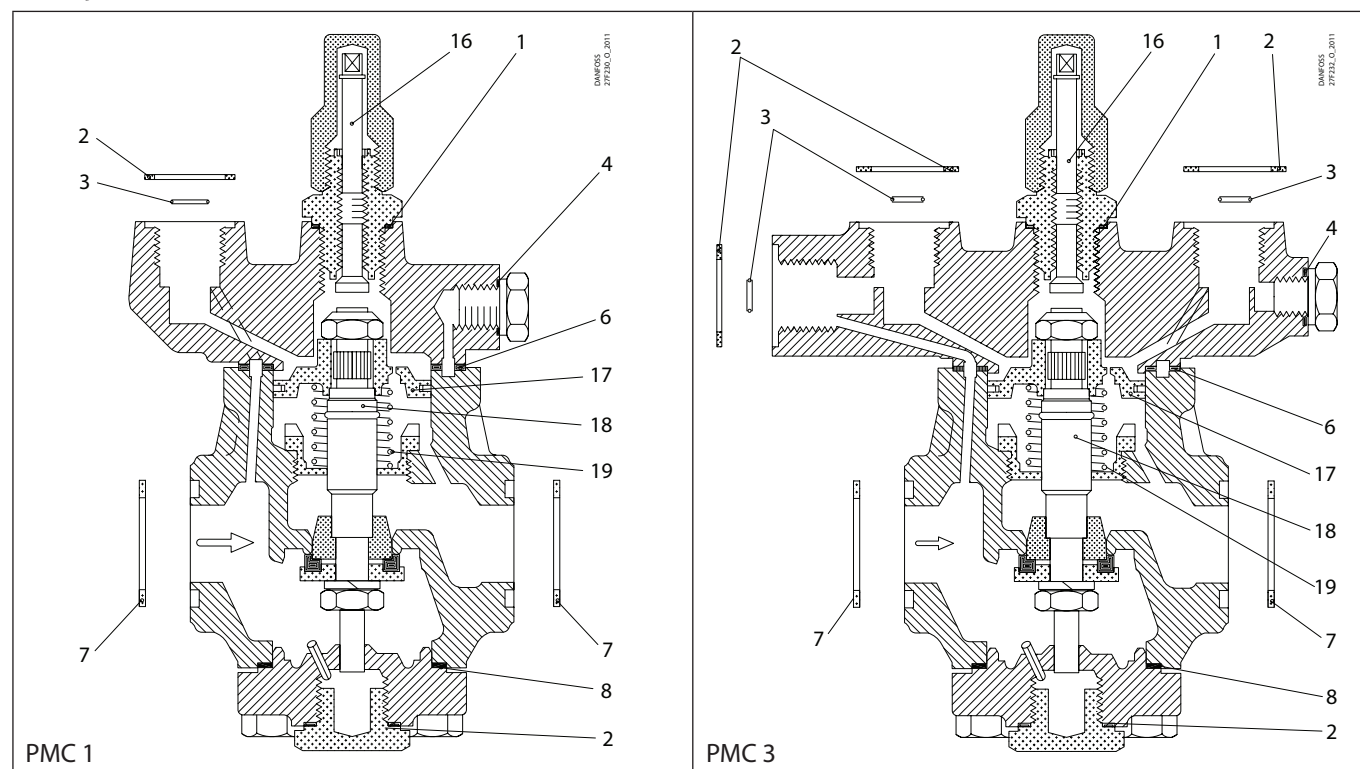


1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø26 mm Ø1.02"	19 Ø26 mm Ø1.04" Total no. = 1				

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0755
PMC, size 12

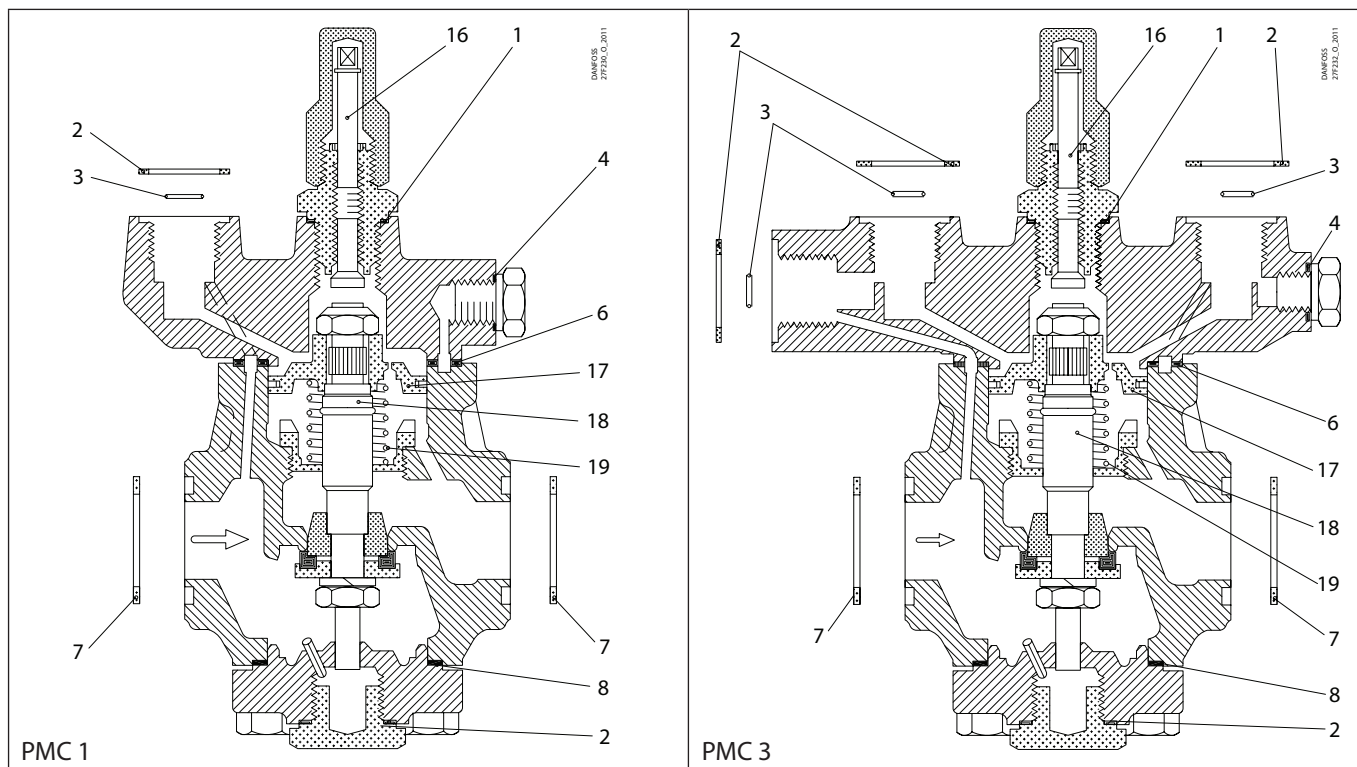


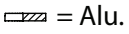
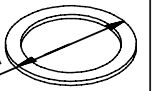
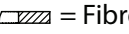
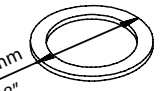
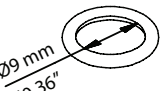
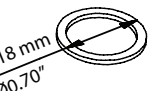
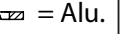
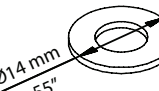
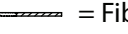
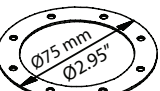
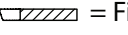
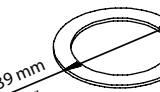
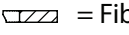
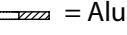
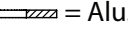
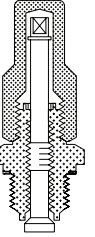
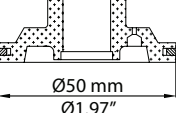
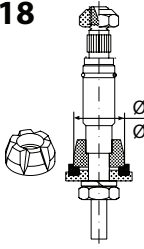
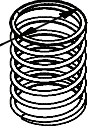
1 = Alu. Ø26 mm Ø1.02" Total no. = 1	2 = Fibre Ø33 mm Ø1.28" Total no. = 4	3 = Alu. Ø9 mm Ø0.36" Total no. = 3	4 = Alu. Ø18 mm Ø0.70" Total no. = 1	5* = Alu. Ø14 mm Ø0.55" Total no. = 1	6 = Fibre Ø75 mm Ø2.95" Total no. = 1
7 = Fibre Ø39 mm Ø1.54" Total no. = 2	8 = Fibre Ø60 mm Ø2.36" Total no. = 1	9* = Alu. Ø32 mm Ø1.26" Total no. = 1	10* = Alu. Ø22 mm Ø0.87" Total no. = 1	16 	17 Ø50 mm Ø1.97"
18 Ø26 mm Ø1.02"	19 Ø26 mm Ø1.04" Total no. = 1				

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Data sheet – Spare parts and accessories

Overhaul kit | Code number 027F0756
PMC, size 20



1  = Alu.  $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$ Total no. = 1	2  = Fibre  $\varnothing 33 \text{ mm}$ $\varnothing 1.28''$ Total no. = 4	3   $\varnothing 9 \text{ mm}$ $\varnothing 0.36''$ Total no. = 3	4  = Alu.  $\varnothing 18 \text{ mm}$ $\varnothing 0.70''$ Total no. = 1	5*  = Alu.  $\varnothing 14 \text{ mm}$ $\varnothing 0.55''$ Total no. = 1	6  = Fibre  $\varnothing 75 \text{ mm}$ $\varnothing 2.95''$ Total no. = 1
7  = Fibre  $\varnothing 39 \text{ mm}$ $\varnothing 1.54''$ Total no. = 2	8  = Fibre  $\varnothing 60 \text{ mm}$ $\varnothing 2.36''$ Total no. = 1	9*  = Alu.  $\varnothing 32 \text{ mm}$ $\varnothing 1.26''$ Total no. = 1	10*  = Alu.  $\varnothing 22 \text{ mm}$ $\varnothing 0.87''$ Total no. = 1	16 	17  $\varnothing 50 \text{ mm}$ $\varnothing 1.97''$
18  $\varnothing 26 \text{ mm}$ $\varnothing 1.02''$	19  $\varnothing 26 \text{ mm}$ $\varnothing 1.04''$ Total no. = 1				

* The spare part is included in the package but is not used for PMC 1 or PMC 3..

Data sheet – Spare parts and accessories

Accessories

ICV PM flanged valve housings

ICV PM flanged valve housings can replace the PM valves on already installed refrigeration systems.

Pressure range

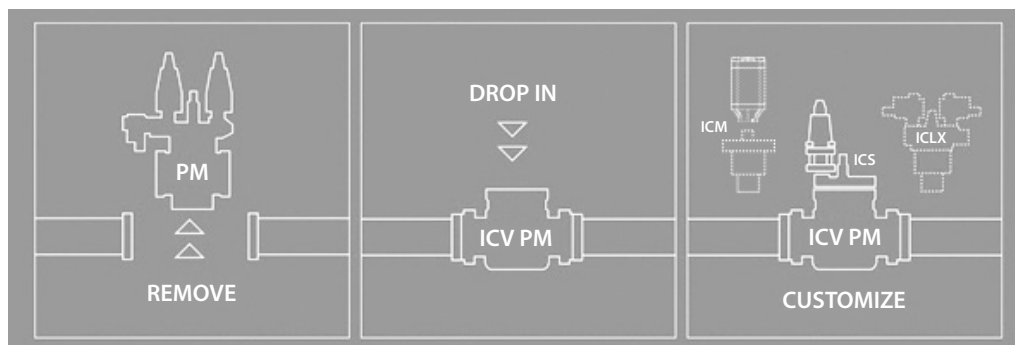
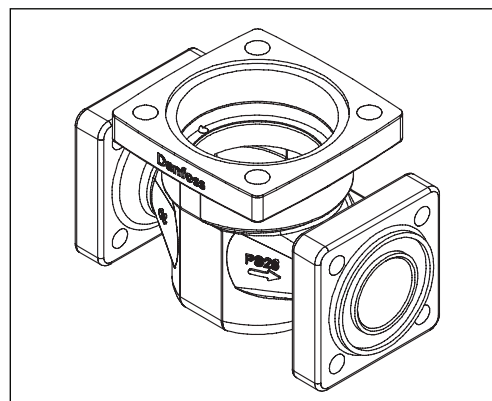
The ICV PM valve housing is designed for a max. working pressure of 28 bar g (406 psig) and therefore a suitable replacement for PM valves in the service market. They also offer the same drop-in dimensions as the PM valves.

Description	Code no.
ICV 25 PM Valve housing	027H2119 *)
ICV 32 PM Valve housing	027H3129 *)
ICV 40 PM Valve housing	027H4128 *)
ICV 50 PM Valve housing	027H5127 **)
ICV 65 PM Valve housing	027H6128 **)

*) Includes ICV PM valve housing, flange gaskets and flange bolts.

***) Includes ICV PM valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately (see the section "Ordering").



ICV (H)A4A flanged valve housings

ICV (H)A4A flanged valve housings can replace the (H)A4A valves on already installed refrigeration systems.

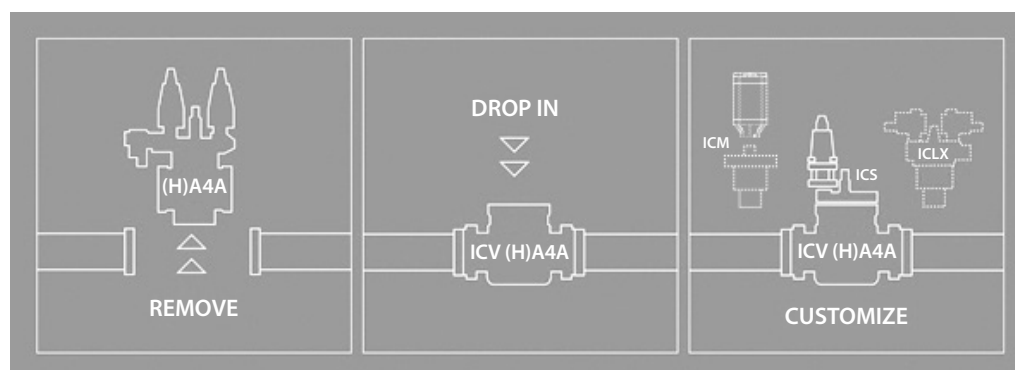
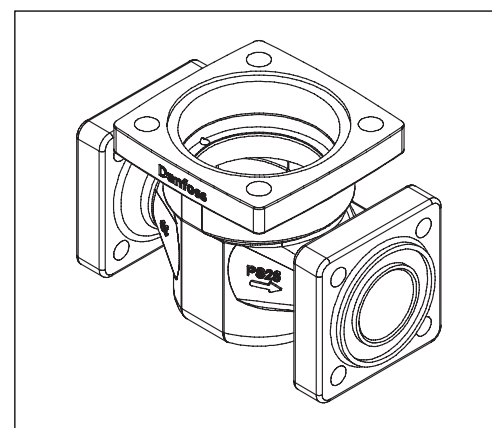
Pressure range

The ICV (H)A4A valve housing is designed for a max. working pressure of 28 bar g (406 psig) and therefore a suitable replacement for (H)A4A valves in the service market. They also offer the same drop-in dimensions as the (H)A4A valves.

Description	Code no.
ICV 25 (H)A4A Valve housing	027H2304 *)
ICV 32 A4A Valve housing	027H3130 *)
ICV 32 HA4A Valve housing	027H3131 *)
ICV 40 (H)A4A Valve housing	027H4129 *)
ICV 50 (H)A4A Valve housing	027H5128 *)
ICV 65 (H)A4A Valve housing	027H6129 *)

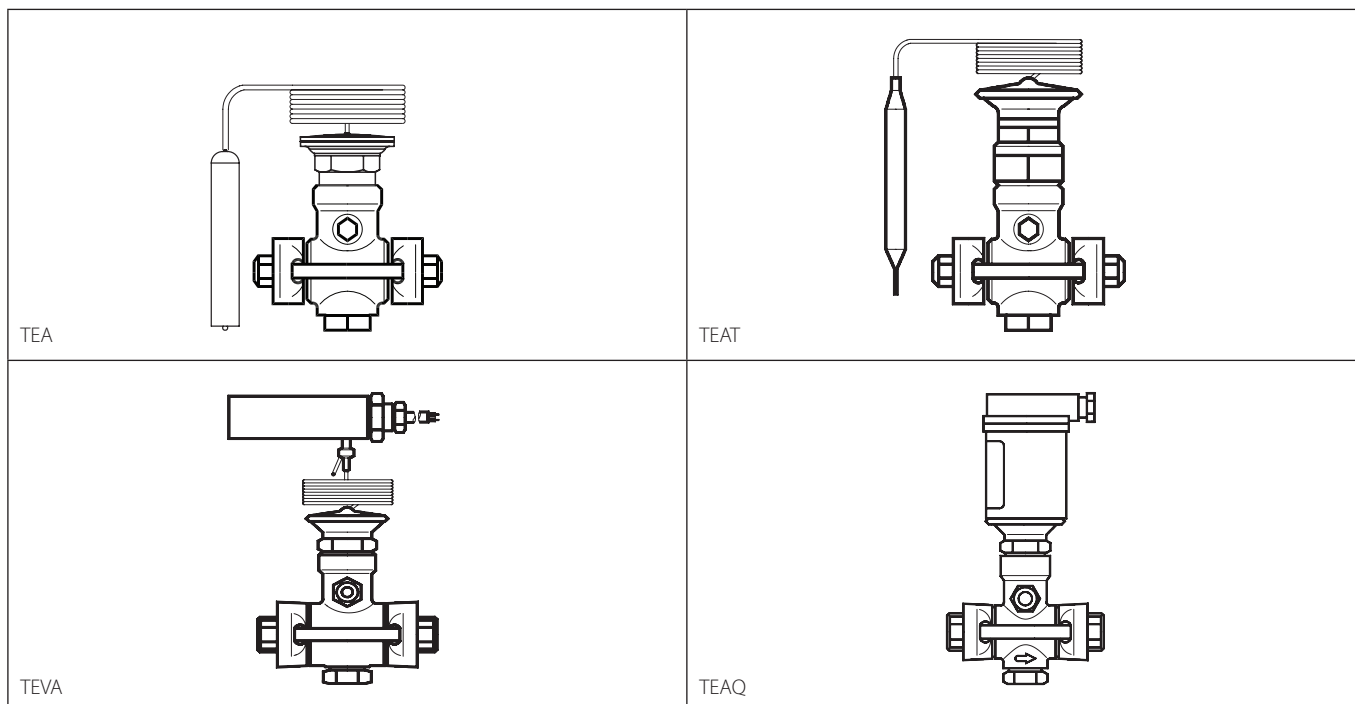
*) Includes ICV (H)A4A valve housing, flange gaskets, flange bolts and flange nuts.

Function modules and top covers must be ordered separately (see the section "Ordering").



Data sheet – Spare parts and accessories

Expansion valves, TEA, TEAT, TEVA and TEAQ, size 20 and 85



Valve type	Size	See details on page #	Code no.
Inspection kits			
TEA, TEAT, TEVA, TEAQ	All	272	068G0064
Repair kits, orifice			
TEA, TEAT, TEVA, TEAQ	20 - 1	273	068G2050
	20 - 2	273	068G2051
	20 - 3	273	068G2052
	20 - 5	273	068G2053
	20 - 8	273	068G2054
	20 - 12	273	068G2055
	20 - 20	273	068G2056
	85 - 33	273	068G2057
	85 - 55	273	068G2058
	85 - 85	273	068G2059

Valve type	Size	Temperature setting	See details on page #	Code no.
Repair kits, element				
TEA	All	-50°C / 0°C	274	068G3250
	All	-20°C / +30°C	274	068G3252
TEAT	All	+35°C / +65°C	274	068G3262
	All	+55°C / +95°C	274	068G3260
	All	+90°C / +130°C	274	068G3261

Valve type	Size	Description	See details on page #	Code no.
Repair kits, element				
TEVA	All	Electric heating element only	274	068G0037

No overhaul kit available.

For ordering new valves please see the Danfoss website.
TEAQ is out of production and cannot be ordered anymore.

Inspection kits:

Contains all gaskets, O-rings and sealings belonging to 1 valve size.
For detailed content, see specific pages mentioned above.

Repair kits, orifice:

Repair kit orifice contains all gaskets, O-rings, sealings and one orifice belonging to one valve size.
For detailed content, see specific pages mentioned above.

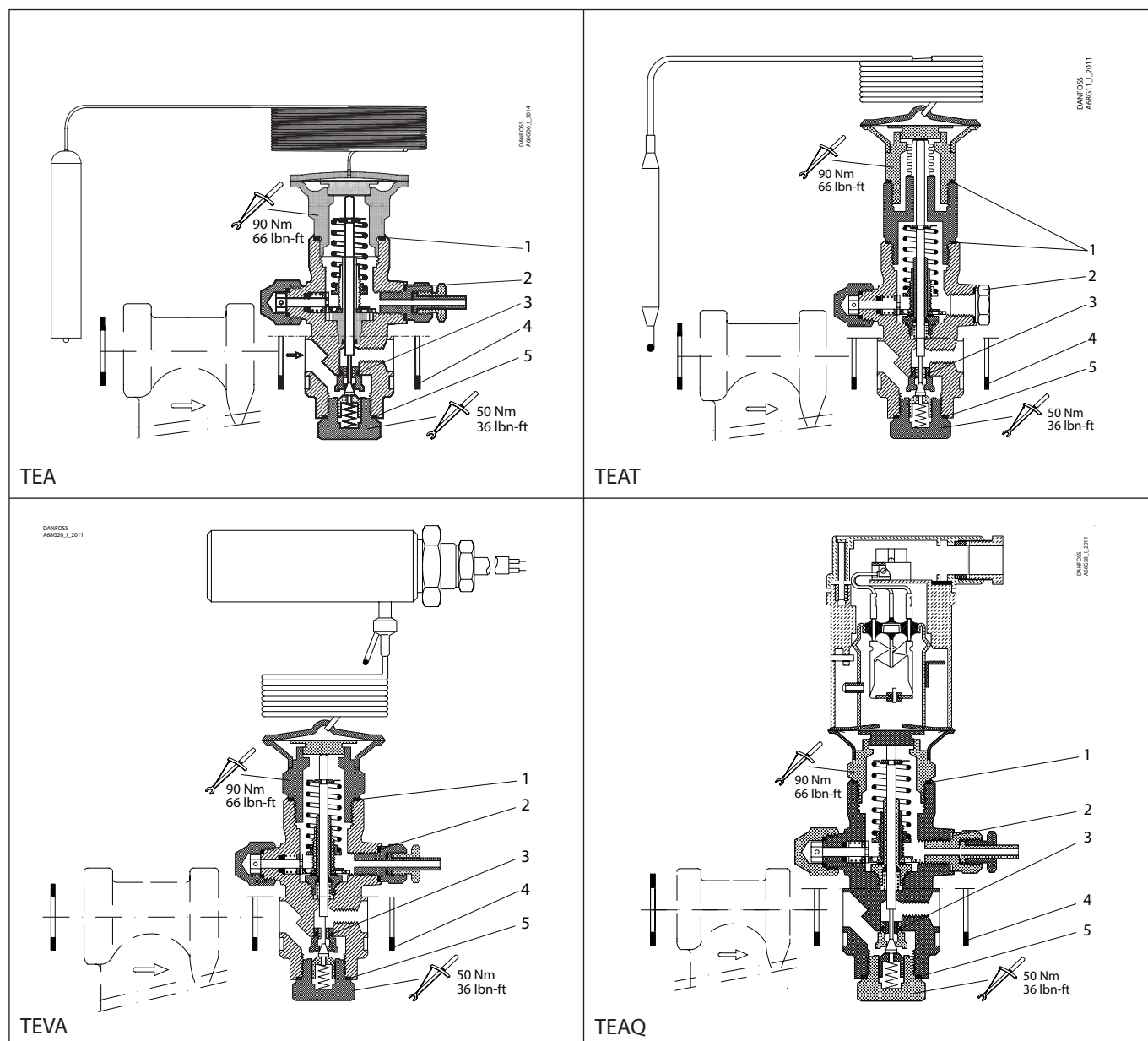
Repair kits, element:

Repair kit element contains all gaskets, O-rings, sealings and one element belonging to one valve size.
For detailed content, see specific pages mentioned above.

Data sheet – Spare parts and accessories

Inspection kit | Code number 068G0064

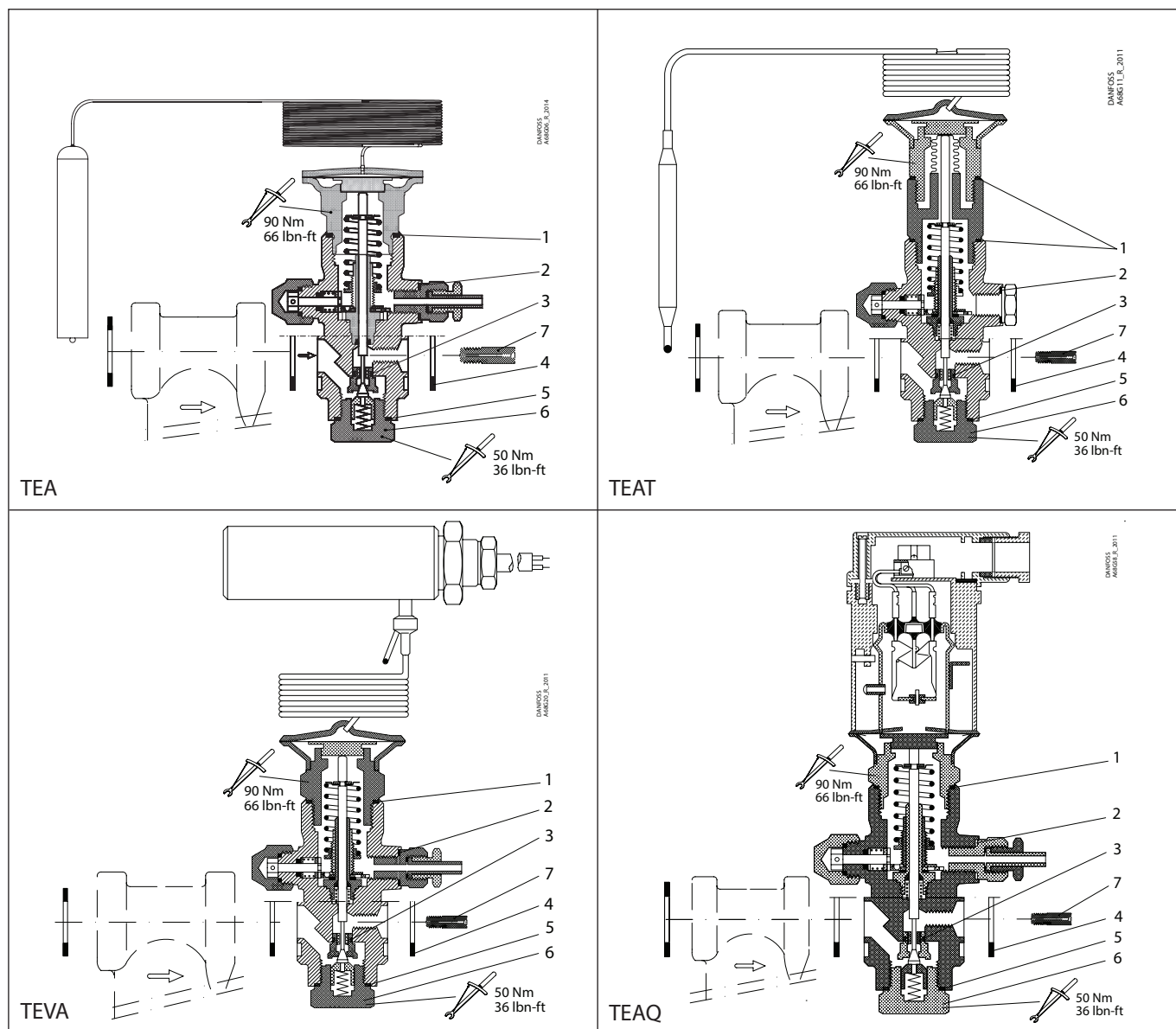
TEA, TEAT, TEVA and TEAQ, Size 20 and 85



1 Alu. Ø36 mm Ø1.42" Total no. = 2	2 Alu. Ø17.5 mm Ø0.69" Total no. = 1	3 (size 20) Alu. Ø8 mm Ø0.32" Total no. = 1	3 (size 85) Alu. Ø9 mm Ø0.35" Total no. = 1
4 (size 20) Fibre Ø32 mm Ø1.26" Total no. = 3	4 (size 85) Fibre Ø39 mm Ø1.54" Total no. = 3	5 Alu. Ø26 mm Ø1.02" Total no. = 1	

Data sheet – Spare parts and accessories

Repair kit, orifice | Code numbers: 068G2050 / 068G2051 / 068G2052 / 068G2053 / 068G2054 / 068G2055 / 068G2056 / 068G2057 / 068G2058 / 068G2059
TEA, TEAT, TEVA and TEAQ, Size 20 and 85

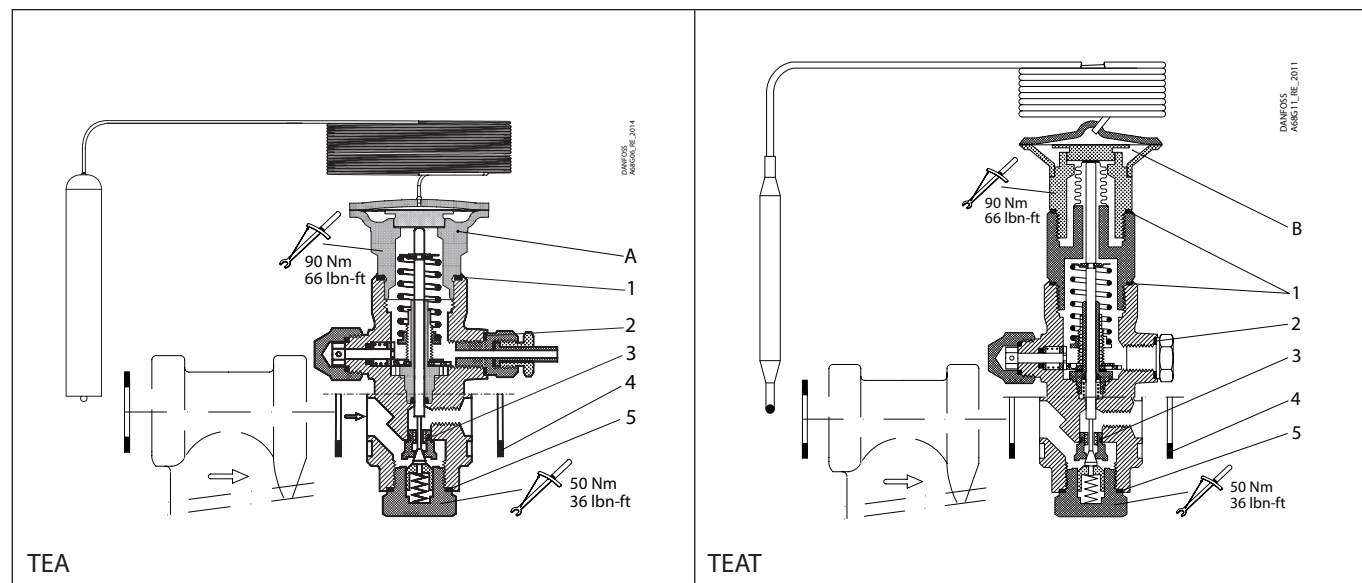


1 Alu. Ø36 mm Ø1.42" Total no. = 2	2 Alu. Ø17.5 mm Ø0.69" Total no. = 1	3 (size 20) Ø8 mm Ø0.32" Total no. = 1	3 (size 85) Ø9 mm Ø0.35" Total no. = 1	4 (size 20) Fibre Ø32 mm Ø1.26" Total no. = 3
4 (size 85) Fibre Ø39 mm Ø1.54" Total no. = 3	5 Alu. Ø26 mm Ø1.02" Total no. = 1	6 Total no. = 1	7 Included in the repair kit 068G2050 only Total no. = 1	

Data sheet – Spare parts and accessories

Repair kit, element | Code numbers: 068G3250 / 068G3252 /
068G3260 / 068G3261 / 068G3262

TEA, TEAT, Size 20 and 85

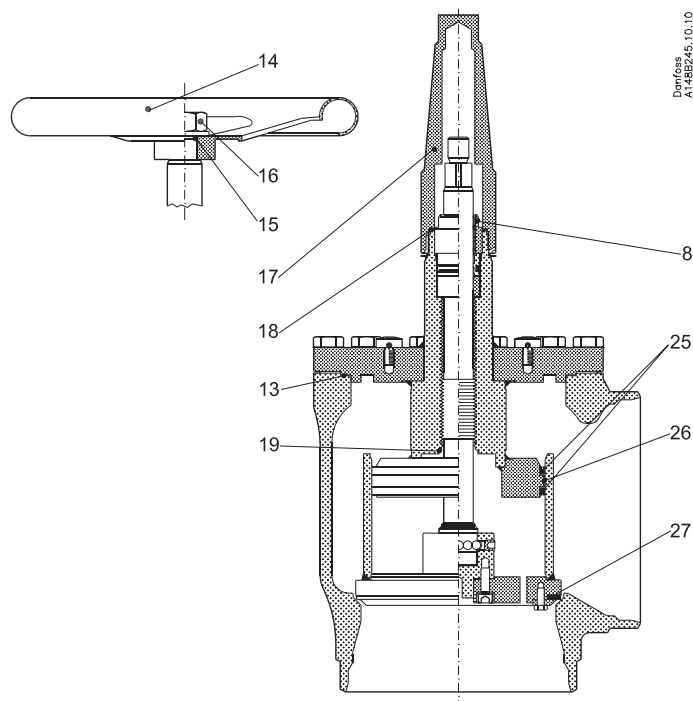


1 ▨ = Alu. Ø36 mm Ø1.42" Total no. = 2	2 ▨ = Alu. Ø17.5 mm Ø0.69" Total no. = 1	3 (size 20) Ø8 mm Ø0.32" Total no. = 1	3 (size 85) Ø9 mm Ø0.35" Total no. = 1	4 (size 20) ▨ = Fibre Ø32 mm Ø1.26" Total no. = 3	4 (size 85) ▨ = Fibre Ø39 mm Ø1.54" Total no. = 3
5 ▨ = Alu. Ø26 mm Ø1.02" Total no. = 1	6 1 of A or 1 of B or 1 of C	Bulb strap Total no. = 1			

Data sheet – Spare parts and accessories

Shut-off valve

Type SVA-DH 250-300 (10-12 in.)



Description	Pos. #	Qty.	Size	Code no.
-------------	--------	------	------	----------

Spare part kit, for bonnet and cap

Gasket for bonnet	13	1	DN 250 (10 in.)	148B4162
Gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for bonnet	13	1	DN 300 (12 in.)	148B4163
Gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	

Spare part kit for cone

Gasket for Bonnet	13	1	DN 250 (10 in.)	148B4164
Gasket for cone (u-sleeve)	25	2	DN 250 (10 in.)	
Wear ring for cone	26	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	
Gasket for Bonnet	13	1	DN 300 (12 in.)	148B4165
Gasket for cone (u-sleeve)	25	2	DN 300 (12 in.)	
Wear ring for cone	26	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	

Packing gland (complete)

Packing gland complete	8	1	DN 250 (10 in.)	148B4166
Packing gland complete	8	1	DN 300 (10 in.)	

Complete repair kit

Packing gland complete	8	1	DN 250 (10 in.)	148B4167
Gasket for bonnet	13	1	DN 250 (10 in.)	
Gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for cone (u-sleeve)	25	2	DN 250 (10 in.)	
Wear ring for cone	26	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	

Description	Pos. #	Qty.	Size	Code no.
-------------	--------	------	------	----------

Complete repair kit

Packing gland complete	8	1	DN 300 (12 in.)	148B4168
Gasket for bonnet	13	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Gasket for cone (u-sleeve)	25	2	DN 300 (12 in.)	
Wear ring for cone	26	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	

Handwheel incl. nut and washer

Handwheel	14	1	DN 250 (10 in.)	148B4169
Washer	15	1	DN 250 (10 in.)	
Nut	16	1	DN 250 (10 in.)	
Handwheel	15	1	DN 300 (12 in.)	148B4170
Washer	15	1	DN 300 (12 in.)	
Nut	16	1	DN 300 (12 in.)	

Cap incl. Gasket

Cap	17	1	DN 250 (10 in.)	148B4171
Gasket	18	1	DN 250 (10 in.)	
Cap	17	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	

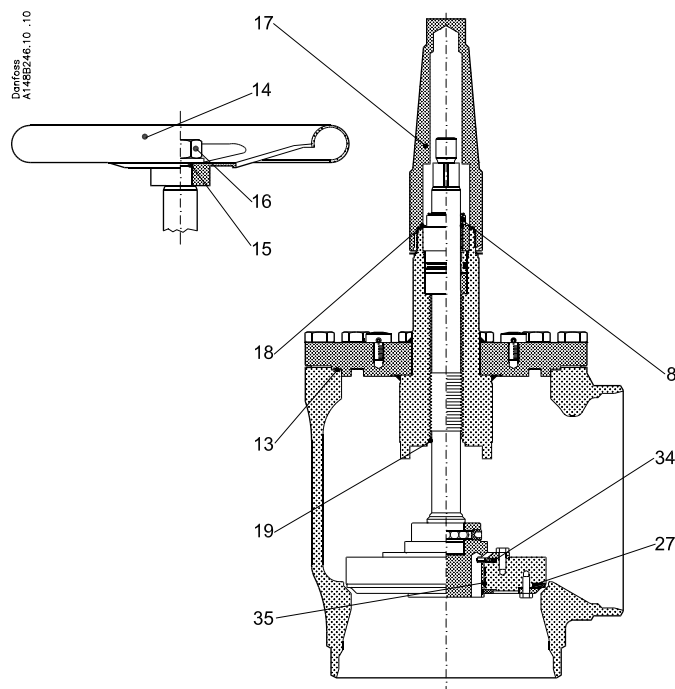
Grease for packing gland (tube)

Grease for packing gland (tube)	-	1	DN 250 (10 in.)	148H3445
Grease for packing gland (tube)	-	1	DN 300 (12 in.)	

Data sheet – Spare parts and accessories

Shut-off valve

Type SVA-DL 250-300 (10-12 in.)



Description	Pos. #	Qty.	Size	Code no.
-------------	--------	------	------	----------

Spare part kit, for bonnet and cap

Gasket for bonnet	13	1	DN 250 (10 in.)	148B4162
Cap + gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for bonnet	13	1	DN 300 (12 in.)	148B4163
Cap + gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	

Spare part kit for cone

Gasket for Bonnet	13	1	DN 250 (10 in.)	148B4173
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	
Gasket for cone (insert)	34	1	DN 250 (10 in.)	
Wear ring for cone (insert)	35	1	DN 250 (10 in.)	148B4174
Gasket for Bonnet	13	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	
Gasket for cone (insert)	34	1	DN 300 (12 in.)	
Wear ring for cone (insert)	35	1	DN 300 (12 in.)	

Packing gland (complete)

Packing gland complete	8	1	DN 250 (10 in.)	148B4166
Packing gland complete	8	1	DN 300 (10 in.)	

Complete repair kit

Packing gland complete	8	1	DN 250 (10 in.)	148B4175
Gasket for bonnet	13	1	DN 250 (10 in.)	
Cap + gasket	18	1	DN 250 (10 in.)	
Gasket for backseat	19	1	DN 250 (10 in.)	
Gasket for cone (valve seat)	27	1	DN 250 (10 in.)	
Gasket for cone (insert)	34	1	DN 250 (10 in.)	
Wear ring for cone (insert)	35	1	DN 250 (10 in.)	

Description	Pos. #	Qty.	Size	Code no.
-------------	--------	------	------	----------

Complete repair kit

Packing gland complete	8	1	DN 300 (12 in.)	148B4176
Gasket for bonnet	13	1	DN 300 (12 in.)	
Cap + gasket	18	1	DN 300 (12 in.)	
Gasket for backseat	19	1	DN 300 (12 in.)	
Gasket for cone (valve seat)	27	1	DN 300 (12 in.)	
Gasket for cone (insert)	34	1	DN 300 (12 in.)	
Wear ring for cone (insert)	35	1	DN 300 (12 in.)	

Handwheel incl. nut and washer

Handwheel	14	1	DN 250 (10 in.)	148B4169
Washer	15	1	DN 250 (10 in.)	
Nut	16	1	DN 250 (10 in.)	
Handwheel	15	1	DN 300 (12 in.)	148B4170
Washer	15	1	DN 300 (12 in.)	
Nut	16	1	DN 300 (12 in.)	

Cap incl. Gasket

Cap	17	1	DN 250 (10 in.)	148B4171
Gasket	18	1	DN 250 (10 in.)	
Cap	17	1	DN 300 (12 in.)	
Gasket	18	1	DN 300 (12 in.)	

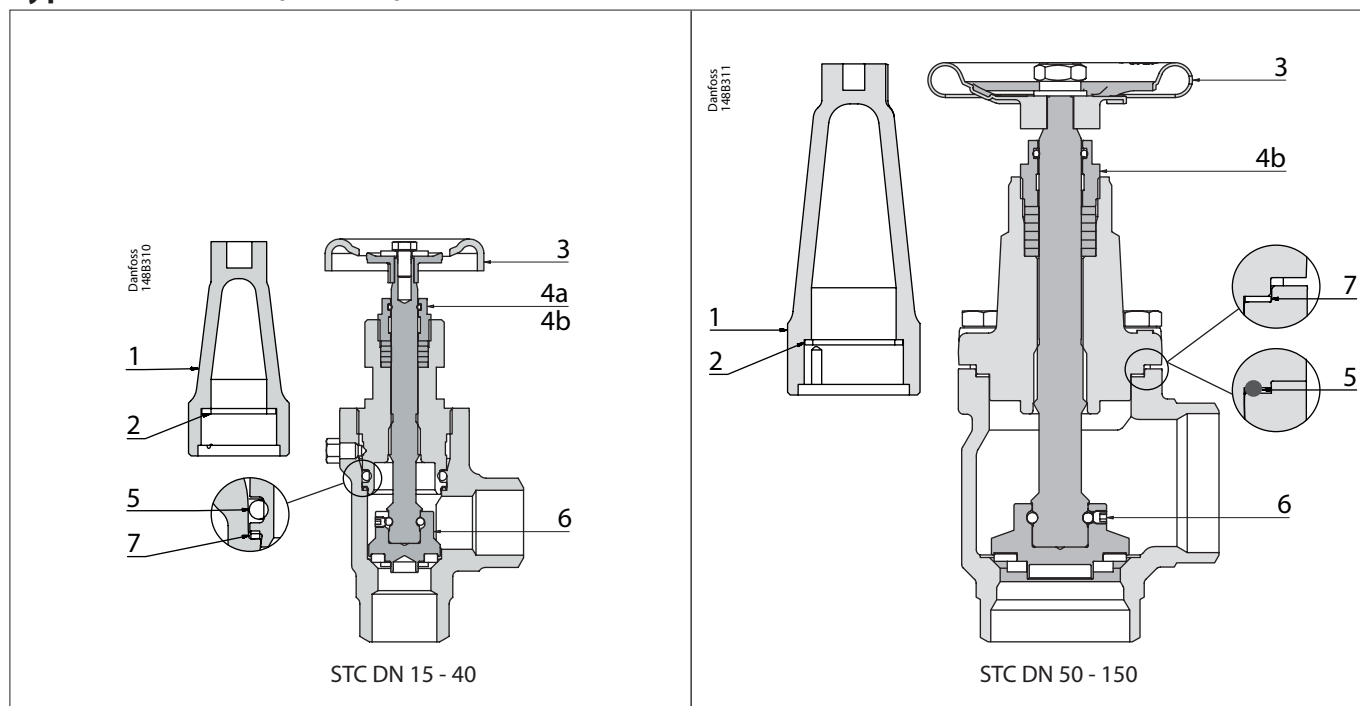
Grease for packing gland (tube)

Grease for packing gland (tube)	-	1	DN 250 (10 in.)	148H3445
Grease for packing gland (tube)	-	1	DN 300 (12 in.)	

Data sheet – Spare parts and accessories

Shut-off valves

Type STC 15-150 (½-6 in.)



Size	Description	Pos. #	Qty.	Code no.
Spare part kit, cone				
DN 15-25	O-ring for housing/bonnet	5	1	148B6456
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 32-40	O-ring for housing/bonnet	5	1	148B6457
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 50	O-ring for housing/bonnet	5	1	148B6469
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 65	O-ring for housing/bonnet	5	1	148B6470
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 80	O-ring for housing/bonnet	5	1	148B6450
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 100	O-ring for housing/bonnet	5	1	148B6451
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 125	O-ring for housing/bonnet	5	1	148B6452
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	
DN 150	O-ring for housing/bonnet	5	1	148B6453
	Cone complete incl. steel balls and allen screw	6	1	
	Gasket for housing/bonnet	7	1	
	Allen key		1	

Size	Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)				
DN 15-25	O-ring for housing/bonnet	5	1	148B6454
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 32-40	O-ring for housing/bonnet	5	1	148B6455
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 50	O-ring for housing/bonnet	5	1	148B6463
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 65	O-ring for housing/bonnet	5	1	148B6464
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 80	O-ring for housing/bonnet	5	1	148B6465
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 100	O-ring for housing/bonnet	5	1	148B6466
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 125	O-ring for housing/bonnet	5	1	148B6467
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	
DN 150	O-ring for housing/bonnet	5	1	148B6468
	Gasket for cap	2	1	
	Gasket for housing/bonnet	7	1	

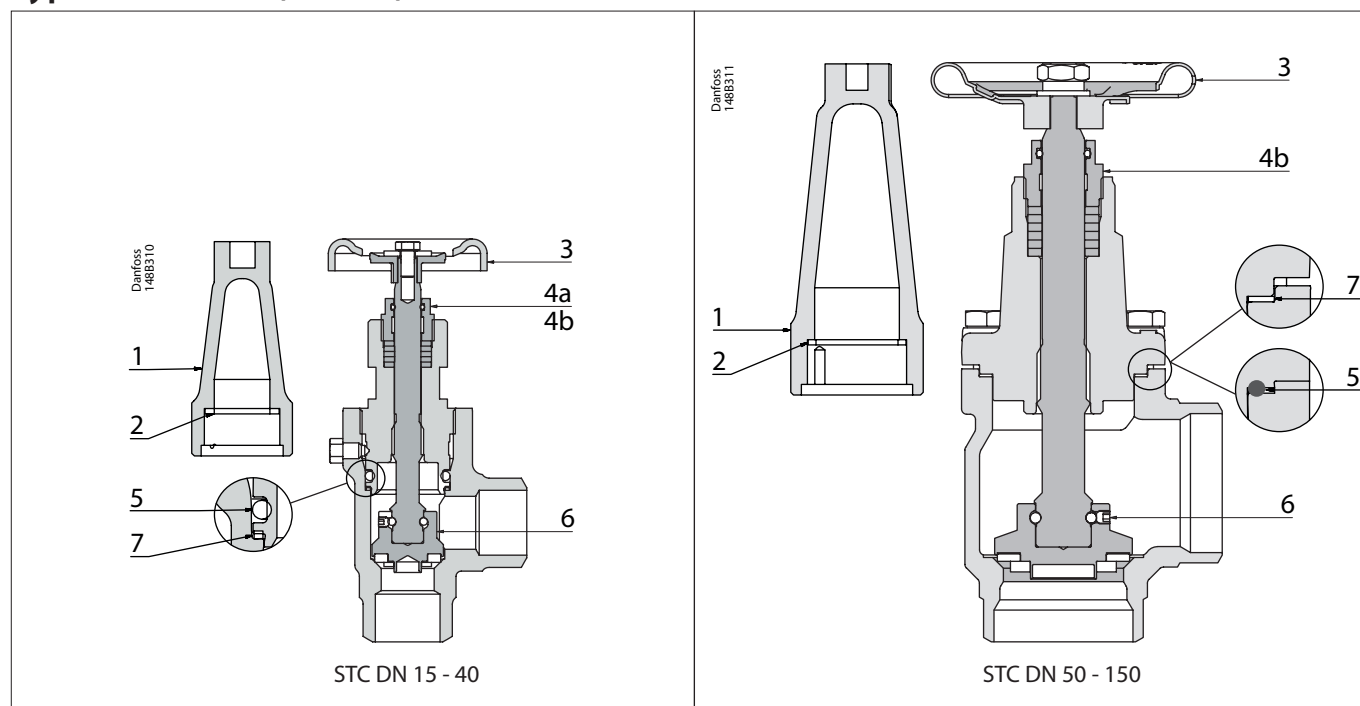
Packing gland incl. gaskets (with O-rings)

DN 15-25	Packing gland incl.sealings	4a, 4b	1	148B6458
DN 32-40	Packing gland incl.sealings	4a, 4b	1	148B6459
DN 50-65	Packing gland incl.sealings	4a, 4b	1	148B6460
DN 80-100	Packing gland incl.sealings	4a, 4b	1	148B6461
DN 125-150	Packing gland incl.sealings	4a, 4b	1	148B6462

Data sheet – Spare parts and accessories

Shut-off valves

Type STC 15-150 (½-6 in.)



Size	Description	Pos. #	Qty.	Code no.
Handwheel incl. screw and washer				
DN 15-25	Handwheel incl. nut and washer	3	1	148B4476
DN 32-40	Handwheel incl. nut and washer	3	1	148B4477
DN 50-65	Handwheel incl. nut and washer	3	1	148B4478
DN 80-100	Handwheel incl. nut and washer	3	1	148B4479
DN 125-150	Handwheel incl. nut and washer	3	1	148B4480

Size	Description	Pos. #	Qty.	Code no.
Cap incl. gasket				
DN 15-25	Cap incl. gasket	1, 2	1	148B4447
DN 32-65	Cap incl. gasket	1, 2	1	148B4448
DN 80-100	Cap incl. gasket	1, 2	1	148B4449
DN 125-150	Cap incl. gasket	1, 2	1	148B4450

Data sheet – Spare parts and accessories

Gauge valve Type SNV

1 New versions of SNV valves with groove at the top of the spindle **have** back seating. Old versions of SNV valves without groove at the top of the spindle have **no** back seating.

SNV 8

2

Welding nipple incl. O-ring

3

Threaded nipple incl. gasket

4

Blind nut incl. gasket

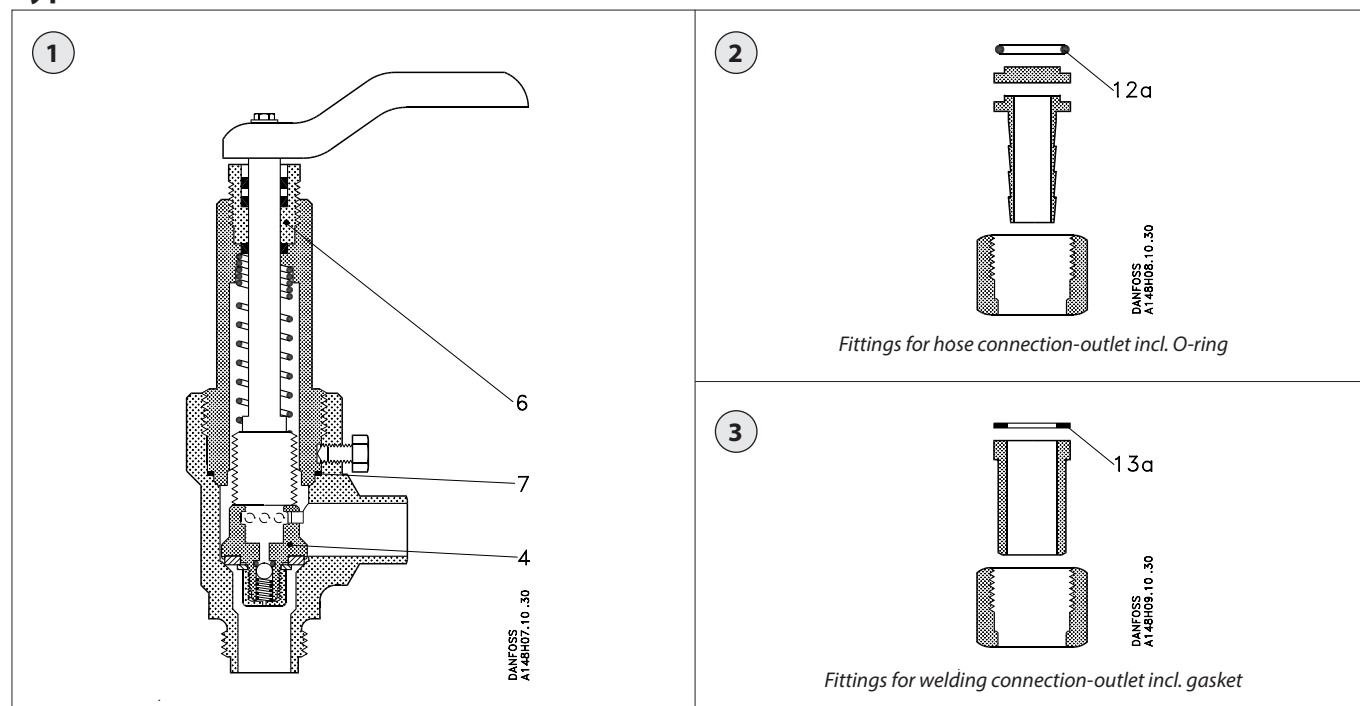
Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	7	1	148B4074
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	148H3445

***) Note:** If further parts are necessary – renew the complete valve.

Description	Pos. #	Qty.	Code no.
Accessories			
Welding nipple type CD-WN-TN-T incl. O-ring, fig. 2		1	2469-008
Threaded nipple type CD-WN-TN-T incl. gasket, fig. 3		1	2469+022
Blind nut type NPT incl. gasket, fig. 4		1	148H3450

Data sheet – Spare parts and accessories

Shut-off valve Type QDV



Description	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets			
Cone for complete incl. steel balls and Allen screw	4	1	2453+092*
Gaskets complete for packing gland	6	1	
Gasket for housing/bonnet	7	1	
O-ring hose connection	12a	1	
Gasket for nipple connection Allen key	13a	1	

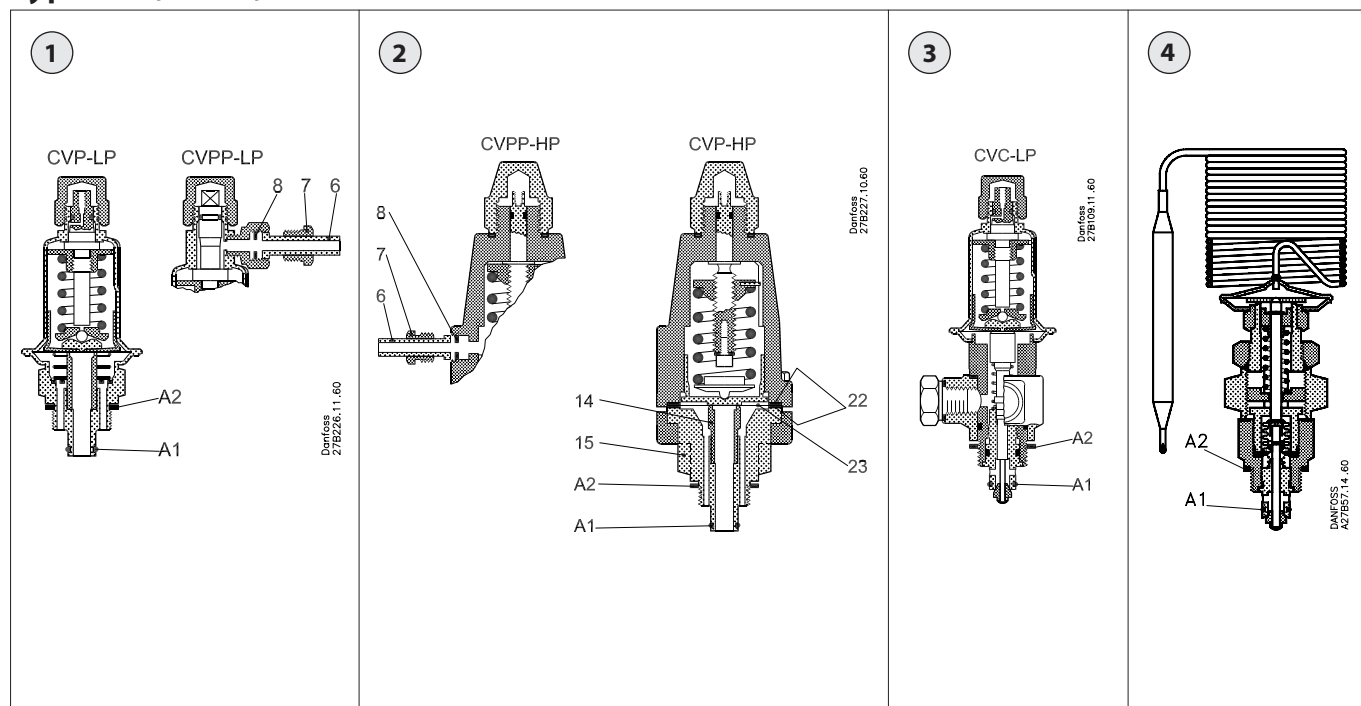
* Only suitable for QDV valves produced before 5th March 2006.

Description	Pos. #	Qty.	Code no.
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	148H3445
Optional extra Fittings for:			
Hose connection-outlet incl. O-ring - G $\frac{3}{8}$ - fig. 2		1	148H3451
Welding connection-outlet incl. gasket - G $\frac{3}{8}$ - fig. 3		1	148H3452

Data sheet – Spare parts and accessories

Pilot valves

Type CVP, CVPP, CVC and CVT

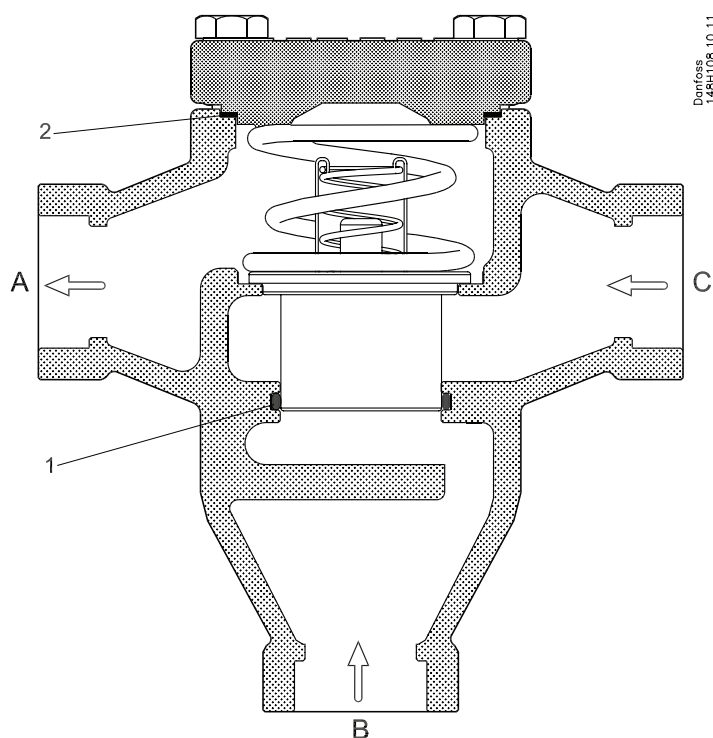


Description	Pos. #	Qty.	Code no.
CVP (LP) (low pressure), pressure controlled, fig. 1			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	
CVPP (LP) (low pressure), differential pressure, controlled, fig. 1			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	
Connection kit:			027B0120
Nipple	6	1	
Connector	7	1	
Alu gasket	8	1	
CVP (HP) (high pressure), pressure controlled,fig. 2			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	
Repair kit:			027B0164
Orifice	14	1	
Body	15	1	
Gasket	22	2	
Diaphragm	23	2	

Description	Pos. #	Qty.	Code no.
CVPP (HP) (high pressure), differential pressure controlled, fig. 2			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	
Connection kit:			027B0120
Nipple	6	1	
Connector	7	1	
Alu gasket	8	1	
CVC-LP, pressure controlled with signal connector, fig. 3			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	
CVT, temperature controlled, fig. 4			
Seal kit:			027F0666
O-ring	A1	1	
Gasket	A2	1	

Data sheet – Spare parts and accessories

**Temperature regulating valve
Type ORV**



Description	Pos. #	Qty.	Code no.
Dismounting kit, ORV 25 and ORV 40 valve house H1			
Guide ring	1	1	148H3246
Gasket	2	1	

Dismounting kit, ORV 40 and ORV 50 valve house H2			
Guide ring	1	1	148H3247
Gasket	2	1	

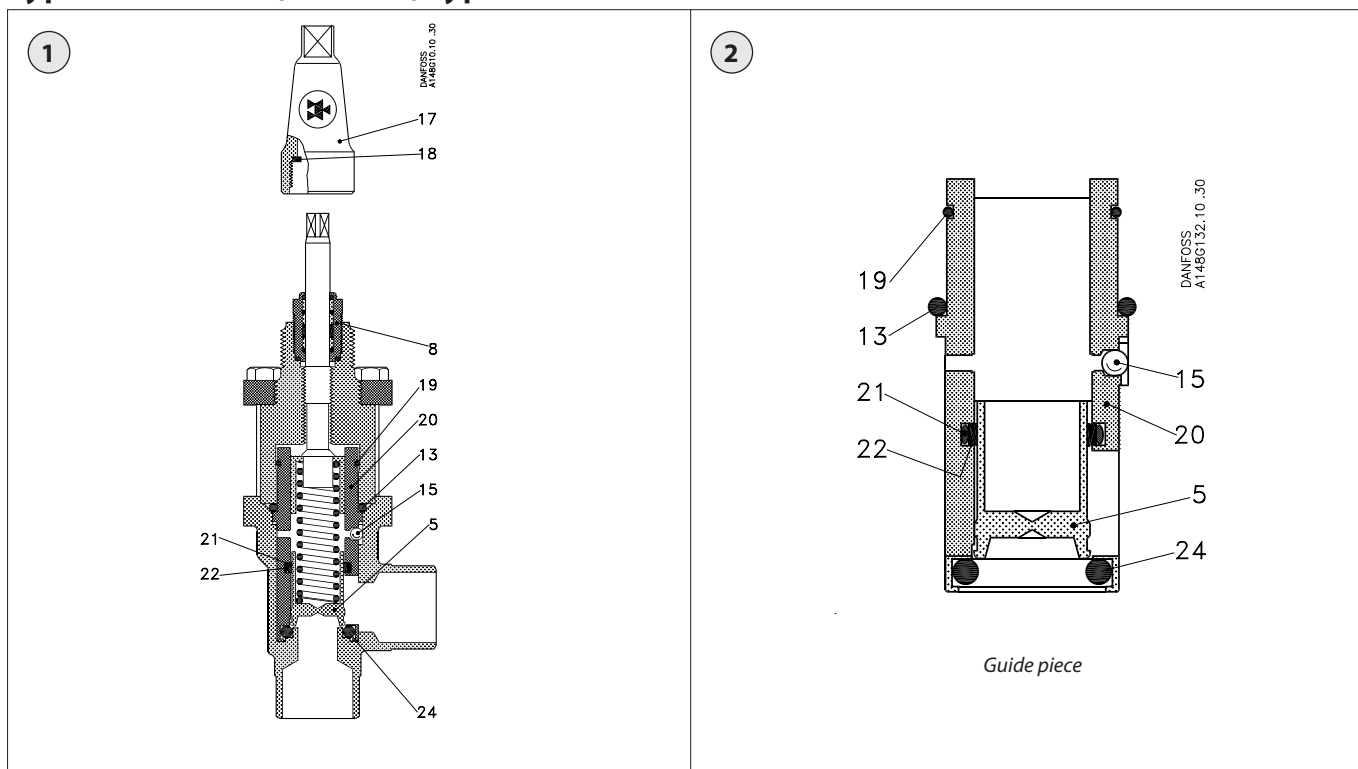
* Including two guide rings and one gasket.

Description	Pos. #	Qty.	Code no.
Dismounting kit, ORV 65 and ORV 80 valve house H3			
Guide ring	1	1	148H3248*
Gasket	2	1	

Data sheet – Spare parts and accessories

Pressure regulating valve

Type OFV 20-25 (3/4 - 1 in.) type 133



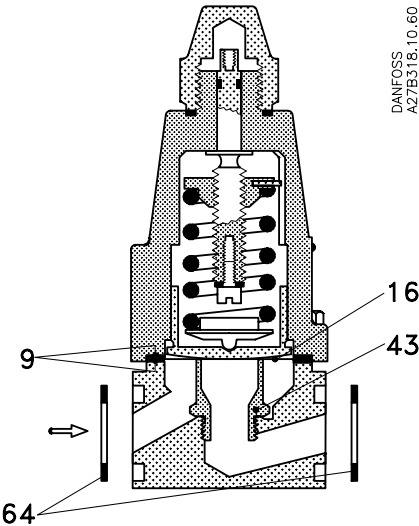
Description	Pos. #	Qty.	Size	Code no.
Repair kit, set of gaskets				
Gaskets complete for packing gland	8a	1	20 (3/4 in.)	2453+093
O-ring for housing/bonnet	13	1		
Gasket for cap	18	1		
O-ring	19	1		
O-ring (Excl. 21-22)	24	1		
Gaskets complete for packing gland	8a	1	25 (1 in.)	
O-ring for housing/bonnet	13	1		
Gasket for cap	18	1		
O-ring	19	1		
O-ring (Excl. 21-22)	24	1		

Repair kit, guide piece incl. cone and complete set of gaskets				
Cone complete	5	1	20 (3/4 in.)	2433+107
Gaskets complete for packing gland	8a	1		
O-ring for housing/bonnet	13	1		
Steel ball	15	1		
Gasket for cap	18	1	25 (1 in.)	2433+108
O-ring	19	1		
Guide piece	20	1		
O-ring	21	1		
Sealing ring	22	1		
O-ring	24	1		

Description	Pos. #	Qty.	Size	Code no.
Cap incl. gasket				
Cap incl. gasket	17,18	1	20 (3/4 in.)	148B4075
Cap incl. gasket	17,18	1	25 (1 in.)	
Grease for packing gland (tube)				
Grease for packing gland (tube)	-	1	20 (3/4 in.)	148H3445
Grease for packing gland (tube)	-	1	25 (1 in.)	

Data sheet – Spare parts and accessories

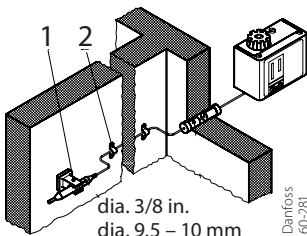
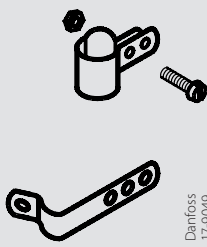
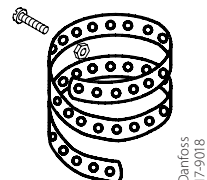
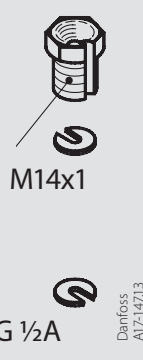
Constant pressure valve
Type CVMD

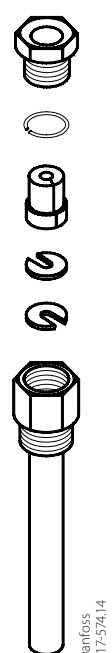


Description	Pos. #	Qty.	Code no.
Repair kit			
Gasket	9	2	027B0161
Diaphragm	16	2	
Orifice	43	1	
Flange gaskets			
Gasket	64	2	020-2133

Data sheet – Spare parts and accessories

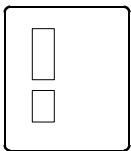
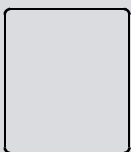
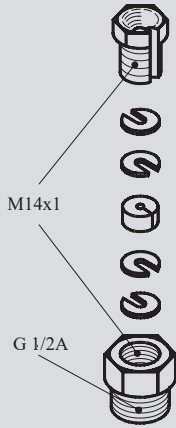
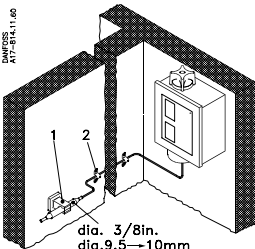
Pressure controls
Type RT

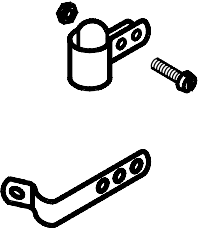
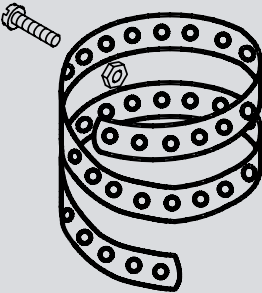
Description	Qty	Code no.
	Sensor holder kit	017-420166
	Sensor holder (1)	1
	Clamp (2)	4
	Sensor clamp	017-420366
	Clamp	1
	Screw	1
	Nut	1
	Clamping band	017-420466
	Band	1
	Screw	1
	Nut	1
	Capillary tube gland	017-422066
	Rubber gasket	1
	Union	1
	Gland	1
	Washer	4

Description	Qty	Code no.
	Sensor pocket, G ½A (ISO 228/1)	017-437066
	Screw-in depth: 112 mm, material: brass	
	Screw-in depth: 465 mm, material: brass	
	Screw-in depth: 112 mm, material: stainless steel 18/8	017-421666
	Sensor pocket	1
	Union	1
	Washer	1
	Rubber plug	1
	Washer	2

Data sheet – Spare parts and accessories

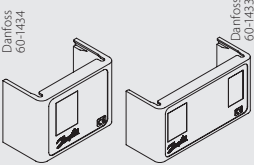
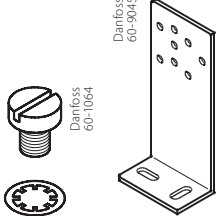
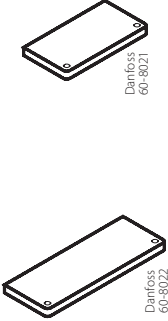
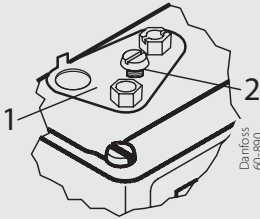
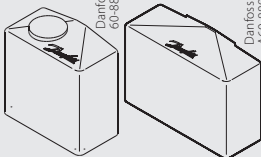
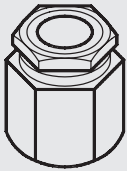
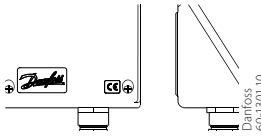
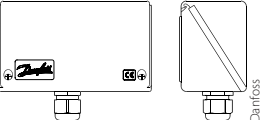
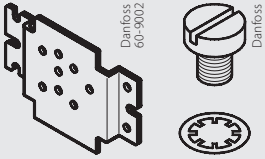
Thermostats, Type RT

Description	Qty	Code no.
	Cover with pane 017-436166	
	Cover	1
	Screws	4
	Cover without pane 017-436266	
	Cover	1
	Screws	4
 DIN 404	1	017425166
	1	017-436066
	1	017-425166
	1	017-436366
 M14x1 G 1/2A	Capillary tube gland 017-422066	
	Rubber gasket	1
	Union	1
	Gland	1
	Washer	4
 dia. 3/8in. dia. 9.5 → 10mm	Sensor holder kit 017-420166	
	Sensor holder (1)	1
	Clamp (2)	4

Description	Qty	Code no.
	Sensor clamp 017-420366	
	Clamp	1
	Screw	1
	Nut	1
	Clamping band 017-420466	
	Band	1
	Screw	1
	Nut	1
	Sensor pocket, G 1/2 A (ISO 228/1)	
	Screw-in depth: 112 mm, material: brass 017-437066	
	Screw-in depth: 112 mm, material: stainless steel 18/8 017-436966	
	Sensor pocket	1
	Union	1
	Washer	1
	Rubber plug	1
	Washer	2

Data sheet – Spare parts and accessories

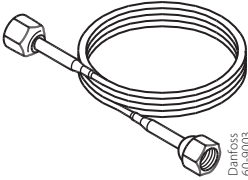
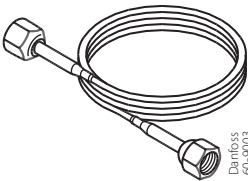
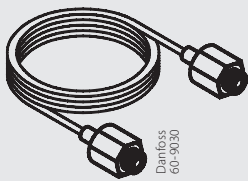
Pressure switches Type KP

Description		Qty.	Code no.	Description		Qty.	Code no.
	Front cover for single switch	1	060-008666 ¹⁾		Angle bracket		060-105666
	Front cover for dual switch	1	060-011366 ¹⁾		Bracket	1	
	Top cover for single switch		060-109766		Screw, M4 × 6	4	
	Top plate	1			Washer	4	
	Screw	2			Locking plate with screw		060-018966
	Top cover for dual switch		060-109866		Plate (1)	1	
	Top plate	1			Screw (2)	1	
	Screw	2			Seal screw for locking plate	2	060-105766
	Protective cap for single switch	1	060-003166		Screwed cable entry, Pg 13.5		060-105966
	Protective cap for dual switch	1	060-003266		Cable entry	1	
	IP55 Enclosure for single switch	1	060-033066		Nut	1	
	IP55 Enclosure for dual switch	1	060-035066				
	Wall bracket		060-105566				
	Bracket	1					
	Screw, M4 × 6	4					
	Washer	4					

¹⁾ Can be used only if compliance with UL 353 is not needed.

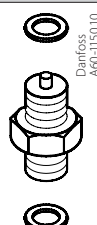
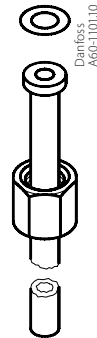
Data sheet – Spare parts and accessories

Pressure switches Type KP

Description	Code no. Multi pack		Code no. Industrial pack
Capillary tube, copper 1/4 inch or 6 mm flare nut	21 mm tube "tail"		
	0.5 m	–	060-019066 ¹⁾
	1.0 m	060-004866	060-019166 ¹⁾
	1.5 m	–	060-019266 ¹⁾
	2.0 m	060-016366	060-019366 ¹⁾
	50 mm tube "tail"		
	0.5 m	–	060-007066 ¹⁾
	1.0 m	060-017166	060-007166 ²⁾
	1.5 m	–	060-007266 ¹⁾
	2.25 m	060-017666	–
	with Schraeder valve opener		
	0.5 m	–	060-000466 ¹⁾
	1.0 m	–	060-000566 ¹⁾
	1.5 m	060-002366	–
Capillary tube, steel not for NH ₃	1/4 inch or 6 mm flare nut		
	1.0 m	060-016766	–
	1.5 m	060-016866	–
Capillary tube, steel for NH ₃	M10 × 0.75		
	1.0 m	060-007866	–
	G 3/8 and M10 × 0.75		
	1.0 m	060-008266	–

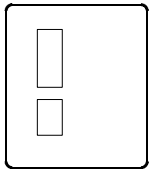
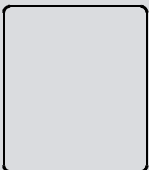
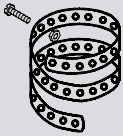
¹⁾ 50 pcs.

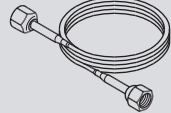
²⁾ 40 pcs.

Description	Qty.	Code no.
	Nipple M10 × 0.75 / G 1/4 A	
	Nipple	1
	Alu gasket	2
	Cutting ring coupling for 6 mm steel tube	1
	Weld nipple M10 × 0.75 for NH ₃	
	Union	1
	Nipple, OD 6 mm × 150 mm	1
	Alu gasket	1
	Damping device, ID = 0.3 mm	2

Data sheet – Spare parts and accessories

Pressure controls Type RT

Description	Qty.	Code no.
	Cover with pane	
	017-436166	
	Cover	1
	Screws	4
	Cover without pane	
	017-436266	
	Cover	1
	Screw	4
	Seal screw for cover	1
	017-425166	
	Seal screw for cap	1
	Protective cap	1
	017-436066	
	Setting knob	1
	017-436366	
	Clamping band	
	017-420466	
	Band	1
	Screw	1
	Nut	1

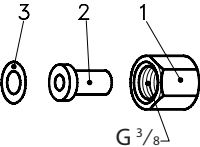
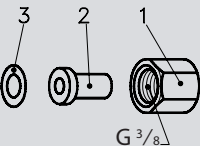
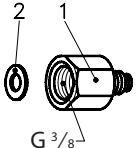
Description	Code no. Multi pack	Code no. Industrial pack
Capillary tube, copper 1/4 in. or 6 mm flare 	21 mm tube "tail"	
	0.5 m	–
	1.0 m	060-004866
	1.5 m	–
	2.0 m	060-016366
	2.25 m	060-017666
	50 mm tube "tail"	
	0.5 m	–
	1.0 m	060-017166
	1.5 m	–
Capillary tube, steel 1/4 in. or 6 mm flare not for R717 (NH ₃) 	with Schraeder valve opener	
	0.5 m	–
	1.0 m	–
	1.5 m	060-002366
	–	
Capillary tube, steel G 3/8 and M10 x 0.75 for R717 (NH ₃) 	1.0 m	060-016766
	1.5 m	060-016866
	1.0 m	060-008266

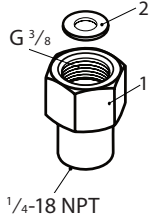
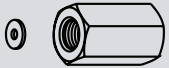
¹⁾ 50 pcs.

²⁾ 40 pcs.

Data sheet – Spare parts and accessories

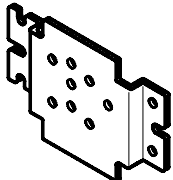
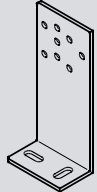
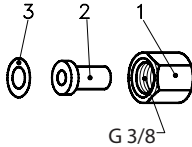
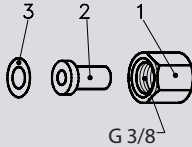
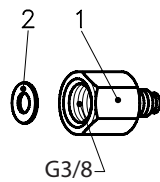
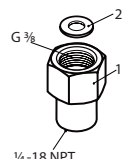
Pressure controls Type RT

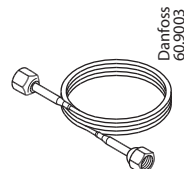
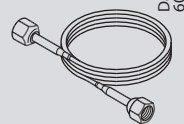
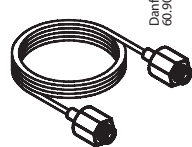
Description	Qty.	Code no.
	Solder nipple for G $\frac{3}{8}$ 017-436866	
	1. Union	1
	2. Nipple ID 8 mm / OD 10 mm	1
	3. Alu gasket	1
	Weld nipple for G $\frac{3}{8}$ 017-422966	
	1. Union	1
	2. Nipple, OD 10 mm	1
	3. Alu gasket	1
	Reducer G $\frac{3}{8}$ $\frac{1}{4}$ in. flare 017-420566	
	1. Reducer	1
	2. Alu gasket	1

Description	Qty.	Code no.
	Adaptor $\frac{3}{8}$ G x $\frac{1}{4}$-18 NPT	
	1. Adapter	1
	2. Alu gasket	1
	Reducer M10 x 0.75 $\frac{1}{4}$ - 18 NPT 060-014166	
	1. Nipple	1
	2. Alu gasket	1
	Alu gasket for reducer and nipple	2 060B120866
	Cutting ring coupling for 6 mm steel tube	1 060B121066

Data sheet – Spare parts and accessories

Differential pressure switches Types MP 54, MP 55 and MP 55A

Description		Qty.	Code no.
	Wall bracket		060-105566
	Bracket	1	
	Screw, M4 x 5	4	
	Washer	4	
	Angle bracket		060-105666
	Bracket	1	
	Screw, M4 x 5	4	
	Washer	4	
	Solder nipple for G 3/8		017-436866
	1. Union	1	
	2. Nipple, ID 8 mm/ OD 10 mm	1	
	3. Alu gasket	1	
	Weld nipple for G 3/8		017-422966
	1. Union	1	
	2. Nipple, OD 10 mm	1	
	3. Alu gasket	1	
	Reducer G 3/8 – 1/4 in. flare		017-420566
	1. Reducer	1	
	2. Alu gasket	1	
	Alu gasket for reducer and nipple		060B120866
	2. Alu gasket	2	
	Cutting ring coupling for 6 mm steel tube	1	060B121066
	Adaptor G 3/8 x 1/4 – 18 NPT		060B030266
	1. Adapter	1	
	2. Alu gasket	1	

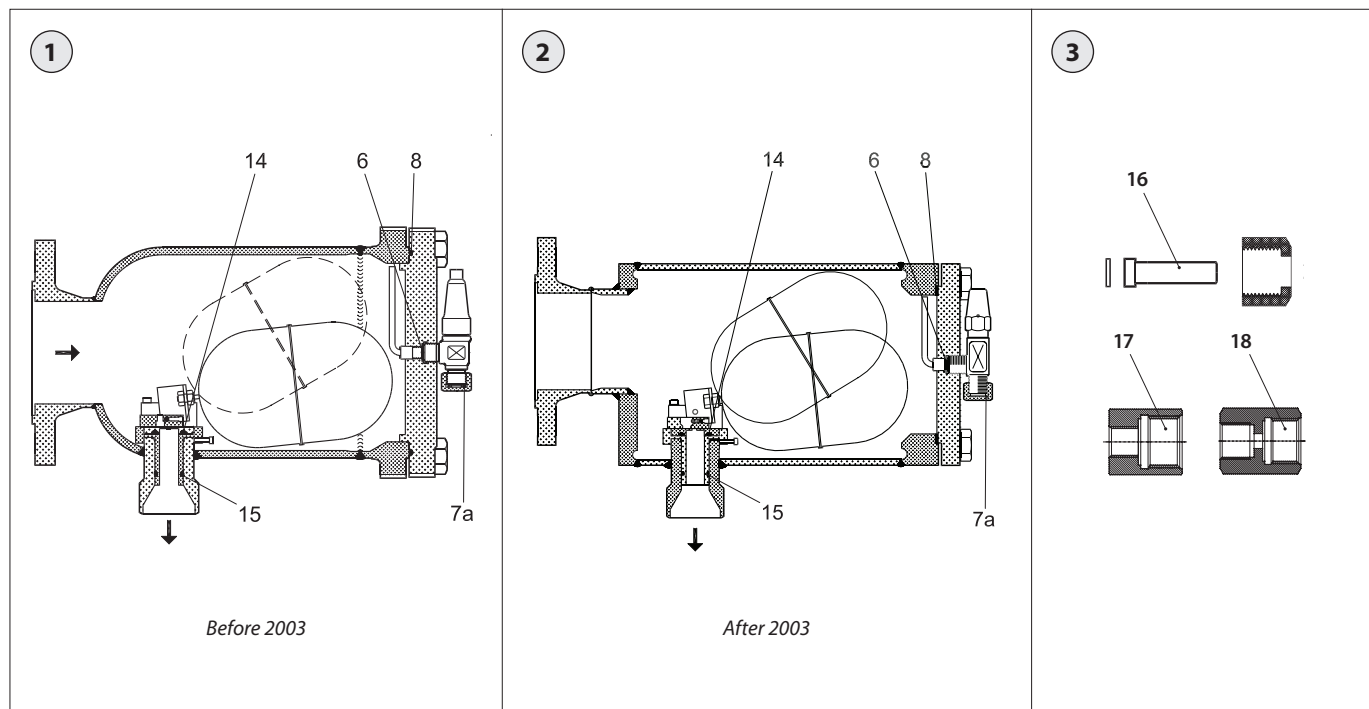
Description		Code no. Multi pack	Code no. Industrial pack
	Capillary tube, copper 1/4 in. or 6 mm flare nut	21 mm tube "tail"	
	0.5 m	–	060-019066 ¹⁾
	1.0 m	060-004866	060-019166 ¹⁾
	1.5 m	–	060-019266 ¹⁾
	2.0 m	060-016366	060-019366 ¹⁾
	50 mm tube "tail"		
	0.5 m	–	060-007066 ¹⁾
	1.0 m	060-017166	060-007166 ²⁾
	1.5 m	–	060-007266 ¹⁾
	with Schraeder valve opener		
	0.5 m	–	060-000466 ¹⁾
	1.0 m	–	060-000566 ¹⁾
	Capillary tube, steel 1/4 in. or 6 mm flare nut not for NH ₃	1.0 m	060-016766 –
		1.5 m	060-016866 –
	Capillary tube, stainless steel 18/8 G 1/2 for NH ₃	1.0 m	060-016966 –

¹⁾ 50 pcs.

²⁾ 40 pcs.

Data sheet – Spare parts and accessories

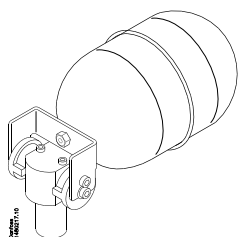
Float valve Type HFI



Description	Type of nozzle (nominal capacity)	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets				
Gasket	040	6	1	2453+094
Gasket		7a	1	
O-ring for housing/end cover (Before 2003)		8	1	
Gasket for housing/end cover (After 2003)		8	1	
O-ring		14	1	
O-ring		15	1	
Repair kit, complete set of gaskets				
Gasket	050	6	1	2453+094
Gasket		7a	1	
O-ring for housing/end cover (Before 2003)		8	1	
Gasket for housing/end cover (After 2003)		8	1	
O-ring		14	1	
O-ring		15	1	
Repair kit, complete set of gaskets				
Gasket	060	6	1	2453+094
Gasket		7a	1	
O-ring for housing/end cover (Before 2003)		8	1	
Gasket for housing/end cover (After 2003)		8	1	
O-ring		14	1	
O-ring		15	1	
Repair kit, complete set of gaskets				
Gasket	070	6	1	2453+094
Gasket		7a	1	
O-ring for housing/end cover (Before 2003)		8	1	
Gasket for housing/end cover (After 2003)		8	1	
O-ring		14	1	
O-ring		15	1	

Description	Type of nozzle (nominal capacity)	Pos. #	Qty.	Code no.
Complete renewal kit*				
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	040	6 7a 8 8 -	1 1 1 1 1	148G3661
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	050	6 7a 8 8 -	1 1 1 1 1	148G3662
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	060	6 7a 8 8 -	1 1 1 1 1	148G3663
Gasket Gasket O-ring for housing/end cover (Before 2003) Gasket for housing/end cover (After 2003) Complete insert including the float ball (R717)	070	6 7a 8 8 -	1 1 1 1 1	148G3584
Welding nipple - G½-ND6				
Welding nipple including aluminium gasket	-	16	2	148B4184
Aluminium gaskets included - ¼" FPT - ½" G	-	17	1	148B3860
Aluminium gaskets included - 3/8" G - ½" G	-	18	1	148B3861

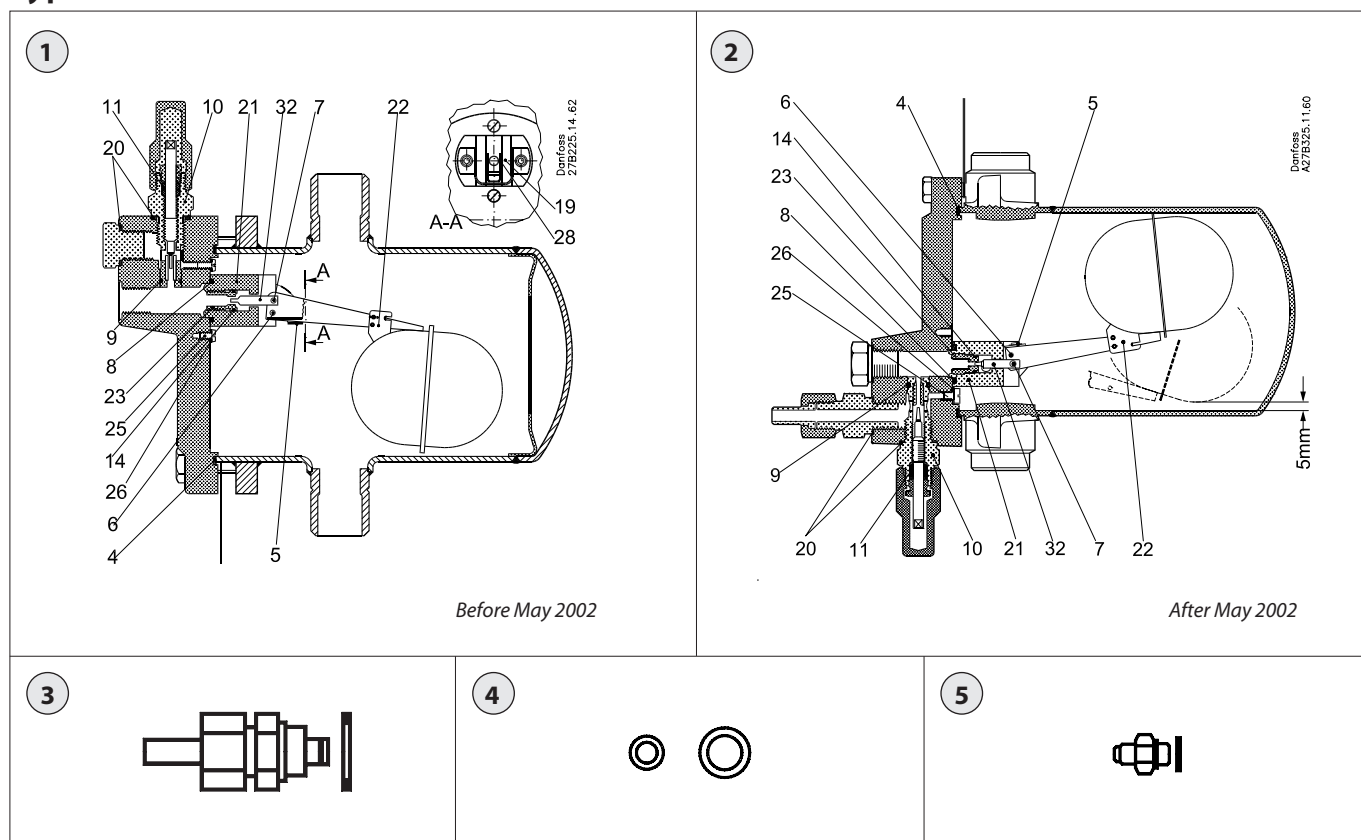
* The float mechanism is assembled and adjusted from factory



HFI insert after 2006

Data sheet – Spare parts and accessories

Float valves Types SV 1 and SV 3



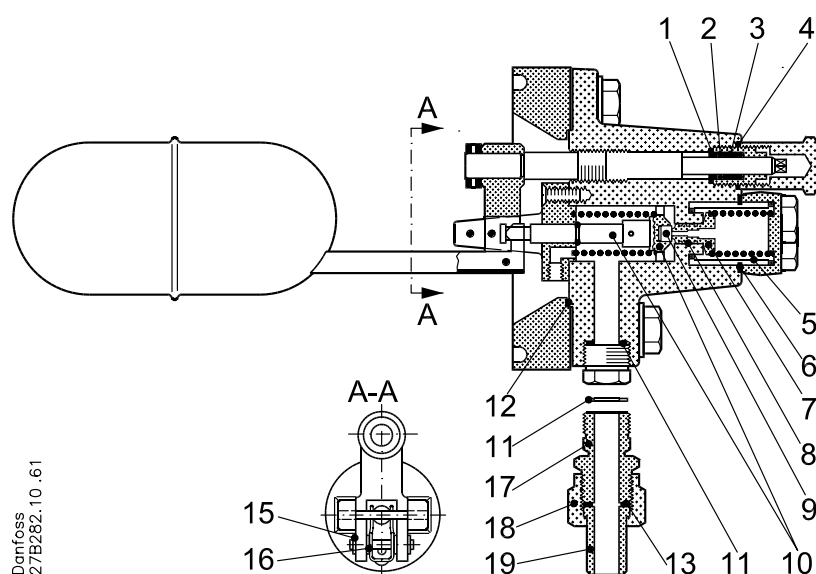
Description	Pos. #	Qty.	size	Code no.
Insert assembly, fig. 1 and fig. 2				
Clamp	5	1	1	027B2051
Pin	6	1	1	
Pin	7	1	1	
O-ring	8	1	1	
O-ring	14	1	1	
Spring washer	19	2	1	
Valve body	21	1	1	
Float assembly	22	1	1	
Orifice	23	1	1	
Screw	25	2	1	
Nut	28	2	1	
Needle	32	1	1	
Clamp	5	1	3	027B2053
Pin	6	1	3	
Pin	7	1	3	
O-ring	8	1	3	
O-ring	14	1	3	
Spring washer	19	2	3	
Valve body	21	1	3	
Float assembly	22	1	3	
Orifice	23	1	3	
Screw	25	2	3	
Nut	28	2	3	
Needle	32	1	3	
Service kit, fig. 1 and fig. 2				
Pin	6	1	1	027B2055
Pin	7	1	1	
O-ring	14	1	1	
Orifice	23	1	1	
Needle	32	1	1	
Pin	6	1	3	027B2056
Pin	7	1	3	
O-ring	14	1	3	
Orifice	23	1	3	
Needle	32	1	3	
Bypass valve, fig. 1 and fig. 2				
O-ring	9	1	1	027B2046
Valve assembly	10	1	1	
Gasket	20	1	1	
O-ring	9	1	3	027B2046
Valve assembly	10	1	3	
Gasket	20	1	3	

Description	Pos. #	Qty.	size	Code no.
Seal kit, fig. 1 and fig. 2				
Gasket	4	1	1 and 3	027B2045
O-ring	8	1	1 and 3	
O-ring	9	1	1 and 3	
Teflon gasket	11	1	1 and 3	
O-ring	14	1	1 and 3	
Gasket	20	2	1 and 3	
Gasket	26	1	1 and 3	
Seal kit, fig. 1 and fig. 2				
Gasket	4	1	1 and 3	027B2061
Pilot connector, fig. 3				
Solder/weld ID 6,5/OD 10 mm	-	1	1 and 3	027B2047
Nipple assembly	-	1	1 and 3	
Gasket	-	1	1 and 3	
Seal kit, fig. 4				
Solder/weld pilot connector	-	1	1 and 3	027B2028
Alu gasket	-	4	1 and 3	
Gasket	-	4	1 and 3	
Pilot connector, fig. 5				
Nipple	-	4	1 and 3	027B2033
Gasket	-	4	1 and 3	

Data sheet – Spare parts and accessories

Float valves

Types SV 4, SV 5 and SV 6



Description	Pos. #	Qty.	Code no.
Seal kit			
Sealing ring	1	1	027B2070
O-ring	2	2	
Washer	3	1	
Washer, nylon	4	1	
Gasket	6	1	
Alu gasket	11	2	
Gasket	12	1	
Alu gasket	13	2	
Alu gasket	14	2	

Service kit			
Valve plate, teflon	9	1	027B2073
Cone incl. tap	10	1	
Locking ring	15	2	
Washer, nylon	16	2	

Strainer			
Strainer	5	1	027B2071

Orifice assembly			
Gasket	6	1	027B2080
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly			
Gasket	6	1	027B2081
Orifice dia. 1.5 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly			
Gasket	6	1	027B2082
Orifice dia. 2.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly			
Gasket	6	1	027B2083
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly			
Gasket	6	1	027B2084
Orifice dia. 1.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly (default SV 4)			
Gasket	6	1	027B2085
Orifice dia. 3.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

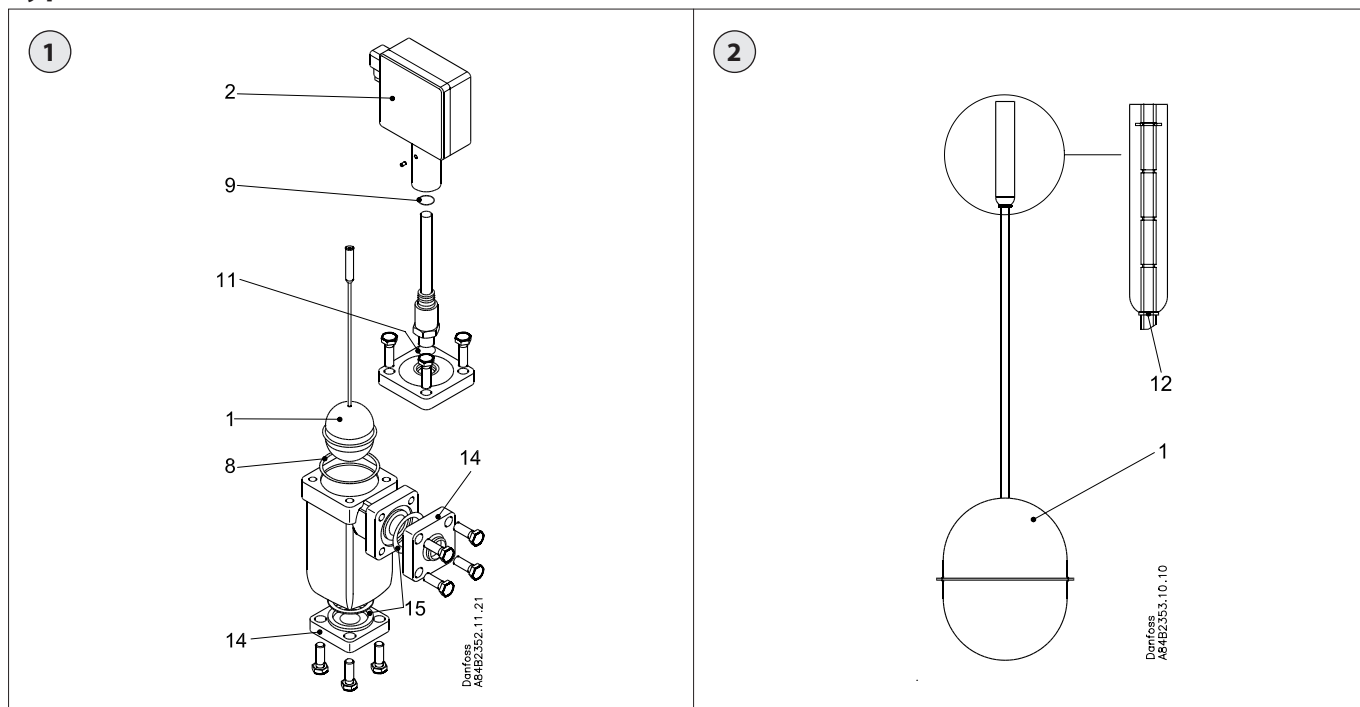
Orifice assembly (default SV 5)			
Gasket	6	1	027B2086
Orifice dia. 3.5 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly (default SV 6)			
Gasket	6	1	027B2087
Orifice dia. 4.0 mm	7	1	
O-ring	8	1	
Valve plate, nylon	9	1	

Orifice assembly (default SV 6)			
Alu gasket	11	1	027B2075
Alu gasket	13	1	
Nipple	17	1	
Union	18	1	
Welding nipple	19	1	

Data sheet – Spare parts and accessories

Liquid level switches Type AKS 38



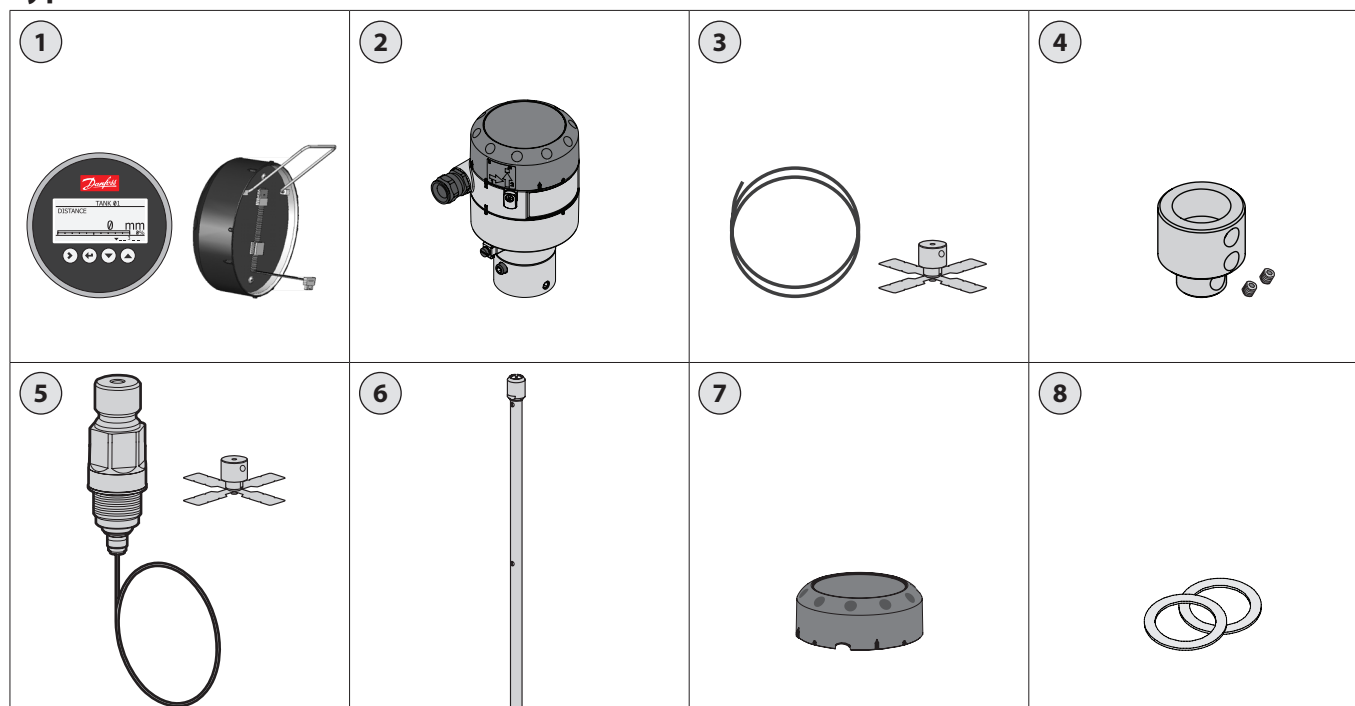
Description	Pos. #	Qty.	Code no.
Electrical switch box, fig. 1			
Switch box	2	1	148H3202
Internal float assembly, fig. 1 and Fig. 2			
Internal float assembly	1	1	148H3203
Locking ring for internal float	12	2	
Repair kit, fig. 1 and Fig. 2			
Top cover gasket	8	1	148H3200
O-ring for pressure tube	9	1	
Alu. gasket	11	1	
Flange gasket	15	2	
Locking ring for internal float	12	2	

Description	Pos. #	Qty.	Code no.
Flanges, fig. 1			
AKS 38 Butt Weld, DIN DN 25 (1 in.)	14	2	027N1026
AKS 38 Butt Weld, ANSI DN 25 (1 in.)	14	2	027N2023
AKS 38 Socket Weld, ANSI DN 20 (3/4 in.)	14	2	027N2012
KS 38 Socket Weld, ANSI DN 25 (1 in.)	14	2	027N2013
AKS 38 FPT, NPT DN 20 (3/4 in.)	14	2	027G1007

Please observe:
Same flanges as for NRVA 25 and NRVA 32

Data sheet – Spare parts and accessories

Liquid level sensor Type AKS 4100/4100U



Description	Fig.. #	Qty.	Code no.
-------------	---------	------	----------

Accessories

AKS 4100/4100U HMI Service/Display unit with rear cover and mounting bracket	1	1	084H4540
AKS 4100/4100U HMI Display	1	1	084H4548
AKS 4100/4100U Signal Converter without HMI, excluding cable gland	2	1	084H4541

Service kit

Cable and counterweight for AKS 4100/4100U - CABLE version

Cable - 5 m (197 in.) Ø2 mm (Ø0.08 in.)	3	1	084H4542
Crimp	3	1	
Counterweight	3	1	

Service kit

End connector incl screws for AKS 4100/4100U - COAXIAL version

End connector (incl. 3 mm (0.12 in) set screws)	4	1	084H4549
---	---	---	----------

Service kit

Process connection, counterweight and 5 m (197 in.) Ø2 mm (Ø0.08 in.) cable for AKS 4100 - CABLE and COAXIAL version

1 in. process connection	5	1	084H4545
Counterweight	5	1	

Description	Fig.. #	Qty.	Code no.
-------------	---------	------	----------

Service kit

Process connection, counterweight and 5 m (197 in.) Ø2 mm (Ø0.08 in.) cable for AKS 4100U - CABLE and COAXIAL version

3/4 in. NPT process connection	5	1	084H4546
Counterweight	5	1	

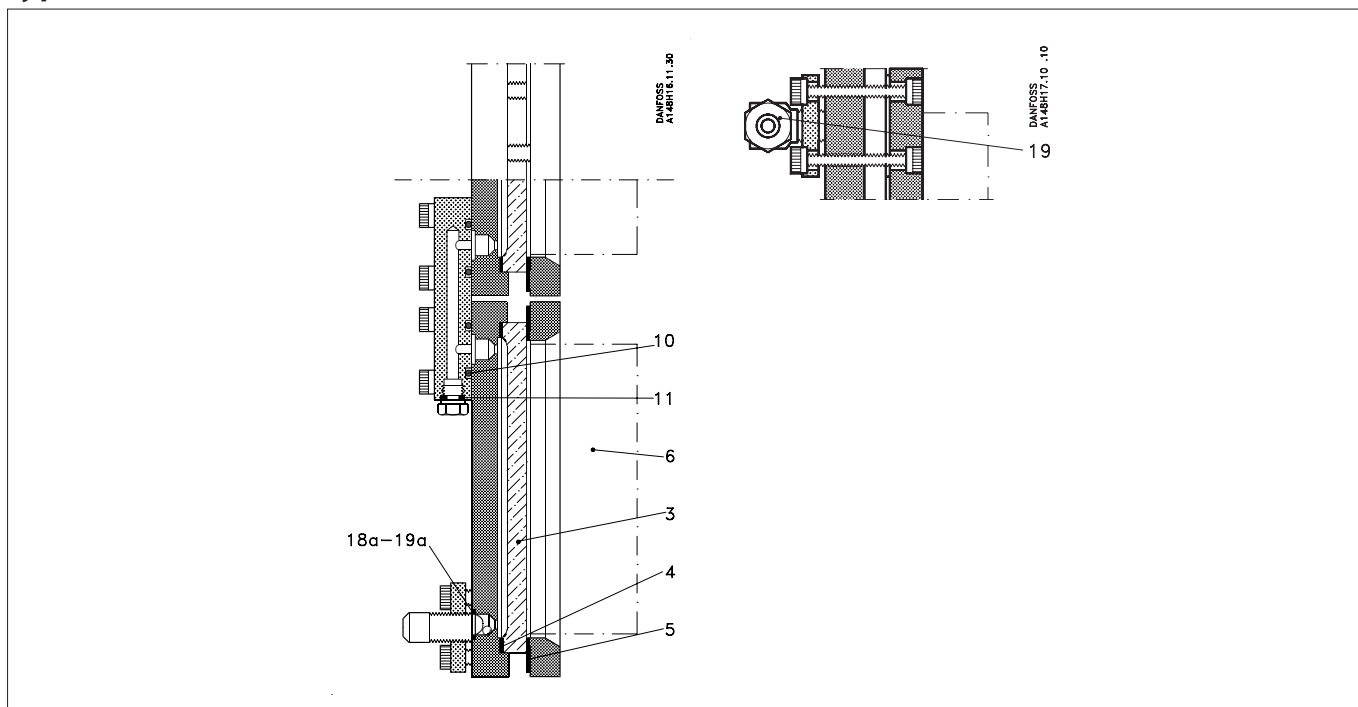
Other spare parts

Coaxial tube. Tube length : 680 mm (26.8 in.)	6	1	084H4543
Blank top cover for signal converter	7	1	084H4544
Aluminium gaskets for 1 in. process connection	8	10	084H4547
AKS 4100 1. in. welding connection	-	1	027F1010

Data sheet – Spare parts and accessories

Sight glasses

Types LLG, LLG-S, LLG-F and LLG-SF 185 - 1550 (7¼ - 61 in.)



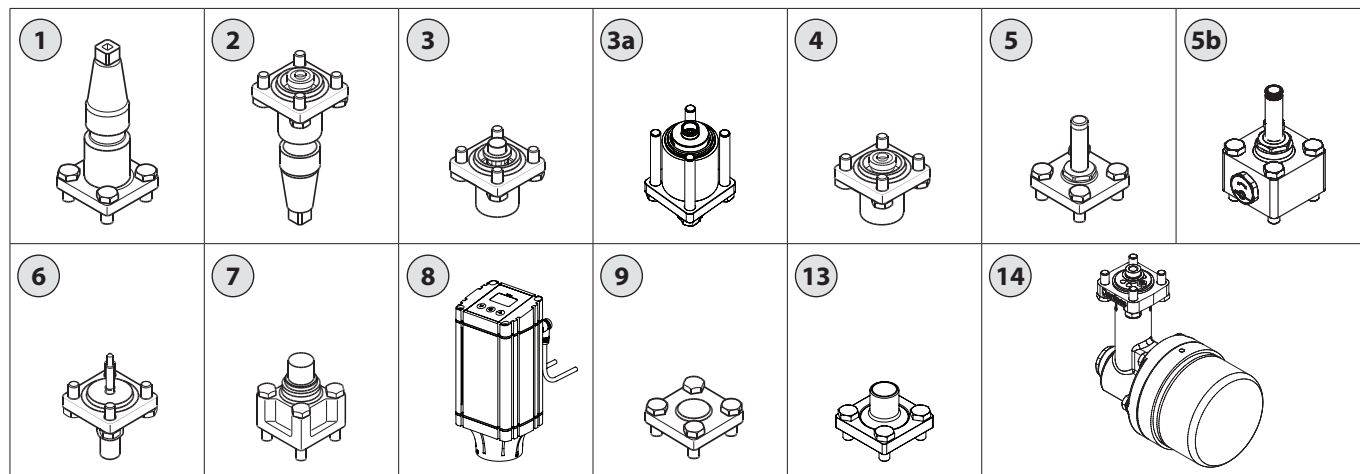
Description	Pos. #	Qty.	Size	Code no.
Repair kit, complete set of gaskets				
Gasket for sight glass	4	1	Size 185 (7¼ in.)	2453+056
Protective coating for sight glass	5			
Gasket for nipple for type LLG	18a			
Gaskets for stop valve and for nipple	19a			
Gasket for sight glass	4	1	Size 335 (13¼ in.)	2453+057
Protective coating for sight glass	5			
Gasket for nipple for type LLG	18a			
Gaskets for stop valve and for nipple	19a			
Gasket for sight glass	4	1	Size 590 (23¼ in.)	2453+058
Protective coating for sight glass	5			
O-ring for connecting piece for	10			
Gasket for connecting piece for	11			
Gasket for nipple for type LLG	18a	1	Size 995 (39¼ in.)	2453+060
Gaskets for stop valve and for nipple	19a			
Gasket for sight glass	4	1	Size 740 (29¼ in.)	2453+059
Protective coating for sight glass	5			
Gasket for nipple for type LLG	18a			
Gaskets for stop valve and for nipple	19a			
Gasket for sight glass	4	1	Size 1145 (45 in.)	2453+061
Protective coating for sight glass	5			
O-ring for connecting piece for	10			
Gasket for connecting piece for	11			
Gasket for nipple for type LLG	18a	1	Size 1550 (61 in.)	2453+062
Gaskets for stop valve and for nipple	19a			

Description	Pos. #	Qty.	Size	Code no.
Sight glass				
Sight glass	3	1	Size 185 (7¼ in.)	148H3034
Sight glass	3	1	Size 335 (13¼ in.)	148H3035
Sight glass	3	1	Size 590 (23¼ in.)	148H3036
Sight glass	3	1	Size 740 (29¼ in.)	148H3037
Sight glass	3	1	Size 995 (39¼ in.)	148H3038
Spare part kit for LLG-F and LLG-SSF				
Sight adapter	6	1	Size 185 (7¼ in.)	148H3041
Sight adapter	6	1	Size 335 (13¼ in.)	148H3042
Sight adapter	6	1	Size 590 (23¼ in.)	148H3043
Sight adapter	6	1	Size 740 (29¼ in.)	148H3044
Sight adapter	6	1	Size 995 (39¼ in.)	148H3045
Sight adapter	6	1	Size 1145 (45 in.)	148H3046
Sight adapter	6	1	Size 1550 (61 in.)	148H3047
Stop valve				
Stop valve, type SNV-ST	19	1	All	148B3769

Data sheet – Spare parts and accessories

Valve station

ICF 15, ICF EVRAT, ICF 20, ICF SS 20



Description	Fig #	Qty.	Code no.
Stop, Check, Stop/check and Regulating valve module			
ICFS 15 – Stop valve module	1	1	148B5276
ICFS 20 – Stop valve module	1	1	027L1250
ICFS SS 20 – Stop valve module	1	1	027L4772
ICFR 20A – Manual regulating valve (incl. PEEK seat)	1	1	027L1254
ICFR SS 20A – Manual regulating valve (incl. PEEK seat)	1	1	027L4773
ICFR 20B – Manual regulating valve (incl. PEEK seat)	1	1	027L1255
ICFR SS 20B – Manual regulating valve (incl. PEEK seat)	1	1	027L4774
ICFN 20 – Stop/check valve module	2	1	027L1253
ICFN SS 20 – Stop/check valve module	2	1	027L4788
ICFC 20 – Check valve module	4	1	027L1252
ICFC SS 20 – Check valve module	4	1	027L4775
Red cap for ICFS 20	-	1	148B4075
Yellow cap for ICFR 20	-	1	027L1306
Green cap for ICFN 20	-	1	027L1316
Handwheel for ICFS 20	-	1	148B4060
Inspection kit for ICFS 15	-	1	148B6051
Repair kit for ICFS 15	-	1	148B6061
Overhaul kit for ICF 15	-	1	148B6151

Filter module			
ICFF 15 - Filter module G 1/4"	-	1	027L1246
ICFF 15 - Filter module 3/8" NPT	-	1	027L1247
ICFF 20 – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 45 cm ² (7.0 in ²))	3	1	027L1251
ICFF SS 20 – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 45 cm ² (7.0 in ²))	3	1	027L4776
ICFF 20E – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 160 cm ² (24.8 in ²))	3a	1	027L2256
ICFF SS 20E – Filter module (incl. adaptor and pleated insert (150 µ (100 mesh) / 160 cm ² (24.8 in ²))	3a	1	027L4777
Filter element for ICFF 15	-	1	148H1136
Filter element for ICFF 20 74 µ	-	1	148H3292
Filter element pleated for ICFF 20 250 µ	-	1	148H3363
Filter element pleated for ICFF 20E, 250 µ	-	1	148H3269
Filter element for ICFF 20, ICFF SS 20, 150µ, 45 cm ²	-	1	027L0801
Filter element for ICFF 20E, ICFF SS 20E, 150µ, 160cm ²	-	1	027L0800

Solenoid valve module			
ICFE 20 – Solenoid valve module (incl. PEEK seat)	5	1	027L1257
ICFE 20 – Solenoid valve module (65 bar, fiber)	5	1	027L1340
ICFE SS 20 – Solenoid valve module (incl. PEEK seat)	5	1	027L4778
ICFE 20H – Solenoid valve module High Capacity	5b	1	027L1270
ICFE 20H – Solenoid valve module (65 bar, fiber)	5b	1	027L1353
ICFE SS 20H – Solenoid valve module High Capacity	5b	1	027L4779
Repair kit for ICFE 20: Armature assembly, Diaphragm assembly, Al. gasket, O-ring	-	1	032F8030

Description	Fig #	Qty.	Code no.
Manual opening module			
ICFO 20 – Manual opening module	6	1	027L1260
ICFO 20 – Manual opening module (65 bar, fiber)	6	1	027L1352
ICFO SS 20 – Manual opening module	6	1	027L4786

Electronic expansion valve module			
ICFA 20 – Electronic expansion valve module (incl. PEEK seat)	5	1	027L1258
ICFA SS 20 – Electronic expansion valve module (incl. PEEK seat)	5	1	027L4780
Armature kit for ICFA 20 Armature, Armature tube assembly, Alu gasket	-	1	068F5045

Motor valve module			
ICM 20-A33 – Motor valve module (incl. PEEK seat)	7	1	027H1186
ICM SS 20-A33 – Motor valve module (incl. PEEK seat)	7	1	027L4785
ICM 20-A – Motor valve module (incl. PEEK seat)	7	1	027H1180
ICM SS 20-A – Motor valve module (incl. PEEK seat)	7	1	027L4782
ICM 20-B66 – Motor valve module (incl. PEEK seat)	7	1	027H1194
ICM SS 20-B66 – Motor valve module (incl. PEEK seat)	7	1	027L4781
ICM 20-B – Motor valve module (incl. PEEK seat)	7	1	027H1181
ICM SS 20-B – Motor valve module (incl. PEEK seat)	7	1	027L4783
ICM 20-C – Motor valve module (incl. PEEK seat)	7	1	027H1182
ICM SS 20-C – Motor valve module (incl. PEEK seat)	7	1	027L4784
ICAD 600A – Actuator with 1.5 m (60 in.) cables	8	1	027H9075
ICAD 600A – Actuator without cables	8	1	027H9120

Blank top cover and welding module			
ICFB 20 – Blank top cover	9	1	027L1259
ICFB 20 – Blank top cover (65 bar, fiber)	9	1	027L1341
ICFB SS 20 – Blank top cover	9	1	027L4787
ICFW 20 – Welding module 20 DIN	13	1	027L1245
ICFW SS 20 – Welding module 20 DIN	13	1	027L4789
ICFW 20 – Welding module 3/4" SOC	13	1	027L1230

Defrost module			
ICFD 20	14	1	027L6701

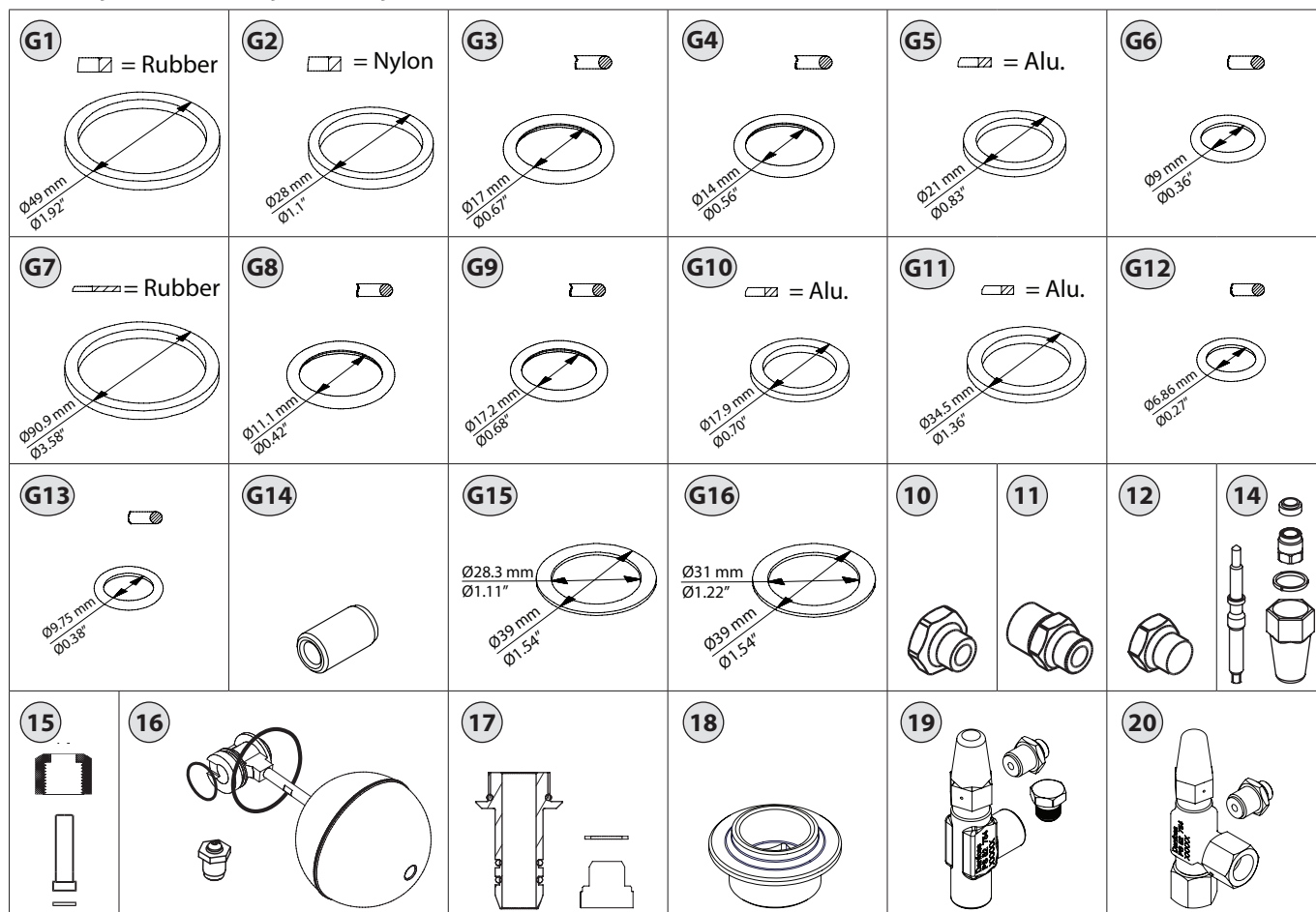
Modules in version with 65 bar and fiber gasket can be used with all 52 bar ICF valve houses. A complete ICF valve station with 65 bar MWP requires both 65 bar modules and valve housing (e.g. ICF 20-2).

All modules include a gasket and four bolts when supplied.

Data sheet – Spare parts and accessories

Valve station

ICF 15, ICF EVRAT, ICF 20, ICF SS 20

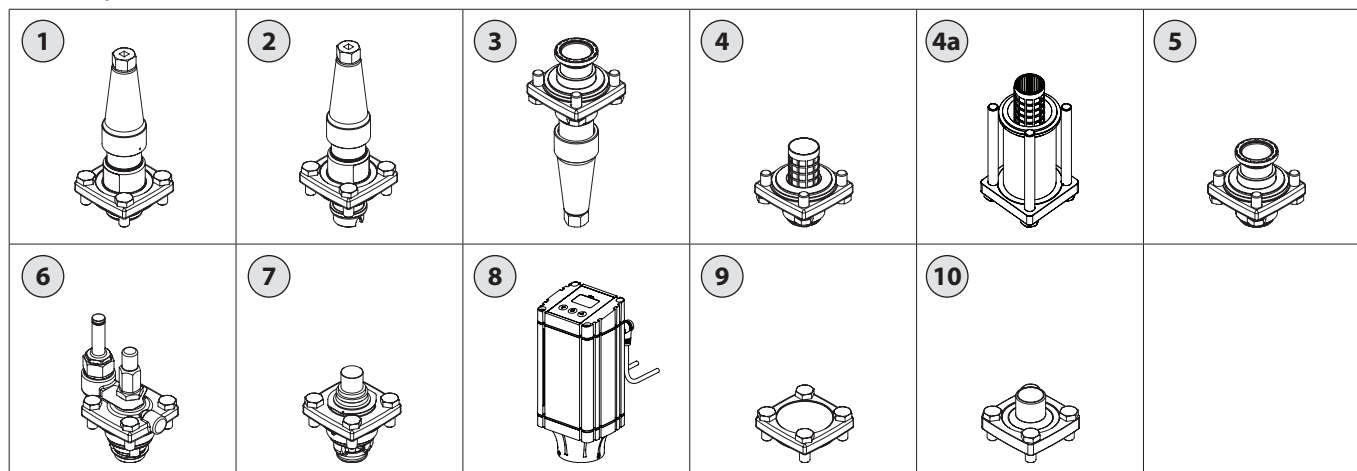


Description	Fig #	Qty.	Code no.
Gaskets and O-rings for ICF 15			
- Rubber gasket M3, M4	G1	2	027L1271
- Fiber gasket M1	G15	1	
- Fiber gasket M2	G16	1	
- Al-gaskets for side ports	G5	2	
- O-ring for armature	G4	1	
- Gasket for Cap	G2	2	
- O-ring for PEEK seat	G3	2	
Gaskets and O-rings for ICF 20/ICF SS 20			
- Rubber gasket bonnet-flange	G1	6	027L1261
- Fiber gasket bonnet-flange	G1	6	
- Fiber gasket bonnet-flange	G16	6	
Stop, reg. and stop-check valves and ICM:			
- Gasket for a cap	G2	3	
- O-ring for PEEK seat	G3	2	
- O-ring for packing gland	G6	1	
Solenoid valve module:			027L6702
- O-ring for armature	G4	1	
- O-ring for PEEK seat	G3	1	
Al-gaskets for side ports	G5	6	
Defrost Module:			
- Rubber gasket bonnet-flange	G1	1	
- Gasket for Float housing flange	G7	1	
- O-ring Inlet connector	G8	2	
- O-ring Inlet connector	G9	1	
- Al-gasket for Drain plug	G10	1	
- Al-gasket for Union nut	G11	1	
- O-ring Manual opener	G12	1	
- O-ring Manual opener	G13	1	
- Dowel Pin	G14	1	
PEEK seat set for ICM /ICF 20			
- Seat PEEK	18	1	027L1272
- Rubber gasket	G1	1	
- O-ring for PEEK seat	G3	1	
Defrost Module SNV service kit (NPT thread)			
- Al gasket	19	1	148B6607
- Adapter G1/4" - 3/8" MPT		1	
- SNV ST 3/8" FPT - 3/8" FPT		1	
- Blind Plug 3/8" MPT		1	

Description	Fig #	Qty.	Code no.
Defrost Module SNV service kit (G thread)			
- Al gasket - Adapter G1/4" - G1/2" - SNV ST G1/2" - G1/2"	20	3 1 1	148B3778
Defrost Module repair kit			
Float, Float lever, Slider, Liquid orifice (incl. O-ring), O-ring for Orifice holder , AKV orifice, 2 x O-ring for Inlet connector	16	1	027L6703
Defrost Module inlet connector / drain plug			
- Inlet connector - O-ring for inlet connector - Plug G ¼" - Alu gasket	17	1 3 1 1	027L6704
For ICF/ICF SS side ports			
For ICF side ports: Sight glass G 3/8" (including Al.gasket	10	2	027L1267
For ICF SS side ports: Sight glass G 3/8" (including Al.gasket	10	2	027L4812
Nipple for side connection G 3/8"- G 1/2" (including Al.gasket, for ICF with DIN and ANSI connections only)	11	2	027L1266
Nipple for side connection G 3/8"- G 1/2" (including Al.gasket, for ICF SS	11	2	027L4810
Blind for side connection G 3/8" (including Al.gasket, for ICF with DIN and ANSI connections only)	12	2	027L1265
Blind for side connection G 3/8" (including Al.gasket, for ICF SS	12	2	027L4811
Sight glass NPT 3/8" (for ICF with SOC connections only)	10	2	027L1269
Blind for side connection NPT 3/8" (for ICF with SOC connections only)	12	2	027L1268
½ in to DIN DN6 pipe weld connector for ICF	15	2	148B4184
½ in to DIN DN6 pipe weld connector for ICF SS	15	2	148B4689
For ICF EVRAT			
Repair kit (manual opener) for all ICF EVRAT	14	1	027L1248

Data sheet – Spare parts and accessories

Valve station ICF 25, ICF SS 25



Description	Fig #	Qty.	Code no.
Stop, Check, Stop/check and Regulating valve module			
ICFS 25 – Stop valve module	1	1	027L2250
ICFS SS 25 – Stop valve module	1	1	027L4791
ICFR 25A – Manual regulating valve	2	1	027L2254
ICFR SS 25A – Manual regulating valve	2	1	027L4792
ICFR 25B – Manual regulating valve	2	1	027L2255
ICFR SS 25B – Manual regulating valve	2	1	027L4793
ICFN 25 – Stop/Check valve module	3	1	027L2253
ICFN SS 25 – Stop/Check valve module	3	1	027L4803
ICFC 25 – Check valve module	5	1	027L2252
ICFC SS 25 – Check valve module	5	1	027L4794
Packing gland for ICFS 25, ICFR 25, ICFN 25	-	1	148B4037
Red cap for ICFS 25	-	1	148B4076
Yellow cap for ICFR 25	-	1	027L1308
Green cap for ICFN 25	-	1	027L1318
Handwheel for ICFS 25	-	1	148B4062

Filter module

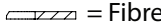
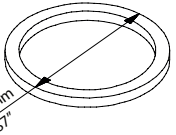
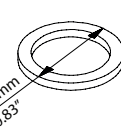
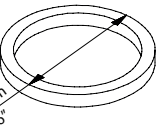
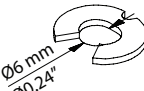
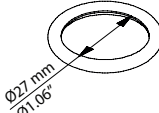
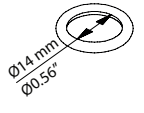
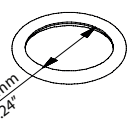
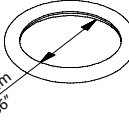
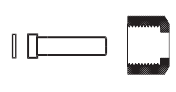
ICFF 25 – Filter module (incl. pleated insert (150 µ (100 mesh) / 160 cm ² (24.8 in ²)))	4	1	027L2251
ICFF SS 25 – Filter module (incl. pleated insert (150 µ (100 mesh) / 160 cm ² (24.8 in ²)))	4	1	027L4795
ICFF 25E – Filter module (incl. pleated insert (150µ (100 mesh) / 330 cm ² (51.2 in ²)))	4a	1	027L2299
ICFF SS 25E – Filter module (incl. pleated insert (150µ (100 mesh) / 330 cm ² (51.2 in ²)))	4a	1	027L4796
Filter element for ICFF 25 100 µ	-	1	148H3123
Filter element pleated for ICFF (25-40)E 250 µ	-	1	148H3296
Filter element for ICFF 25, ICFF SS 25, 150 µ - 160cm ²	-	1	027L0800
Filter element for ICFF 25E, ICFF SS 25E, 150 µ - 330 cm ²	-	1	027L0802

Description	Fig #	Qty.	Code no.
Solenoid valve module			
ICFE 25 – Solenoid valve module	6	1	027L2257
ICFE SS 25 – Solenoid valve module	6	1	027L4797
Motor valve module			
ICM 25-A – Motor valve module	7	1	027H2180
ICM SS 25-A – Motor valve module	7	1	027L4798
ICM 25-B – Motor valve module	7	1	027H2181
ICM SS 25-B – Motor valve module	7	1	027L4799
ICAD 600A – Actuator with 1.5 m (60 in.) cables,	8	1	027H9075
ICAD 600A – Actuator without cables	8	1	027H9120
Blank top cover and welding module			
ICFB 25 – Blank top cover	9	1	027L2259
ICFB SS 25 – Blank top cover	9	1	027L4802
ICFW 25 – Welding module 25DIN	10	1	027L2265
ICFW SS 25 – Welding module 25DIN	10	1	027L4800
ICFW 25 – Welding module 25SOC	10	1	027L2263

All modules include a gasket and four bolts when supplied.

Data sheet – Spare parts and accessories

Valve station ICF 25, ICF SS 25

G1  = Fibre 	G2  = Alu. 	G3  = Nylon 	G4 	G5 	G6 
G7 	G8 	11 	12 	13 	14 

Description	Fig #	Qty.	Code no.
Gaskets and O-rings for ICF 25/ICF SS 25			
O-rings bonnet-flange	G1	6	027L2260
Stop, reg and stop-check valves	G3	3	
Gasket for a cap	G5	1	
O-ring for check valve	G5	1	
Solenoid valve module:			
O-ring for armature	G6	1	
O-ring for insert	G8	1	
O-ring for inserts (small)	G7	1	
Locking ring	G4	2	
ICM:			
O-ring for insert	G8	1	
O-ring for inserts (small)	G7	1	
Side ports:			
Al-gaskets	G2	2	

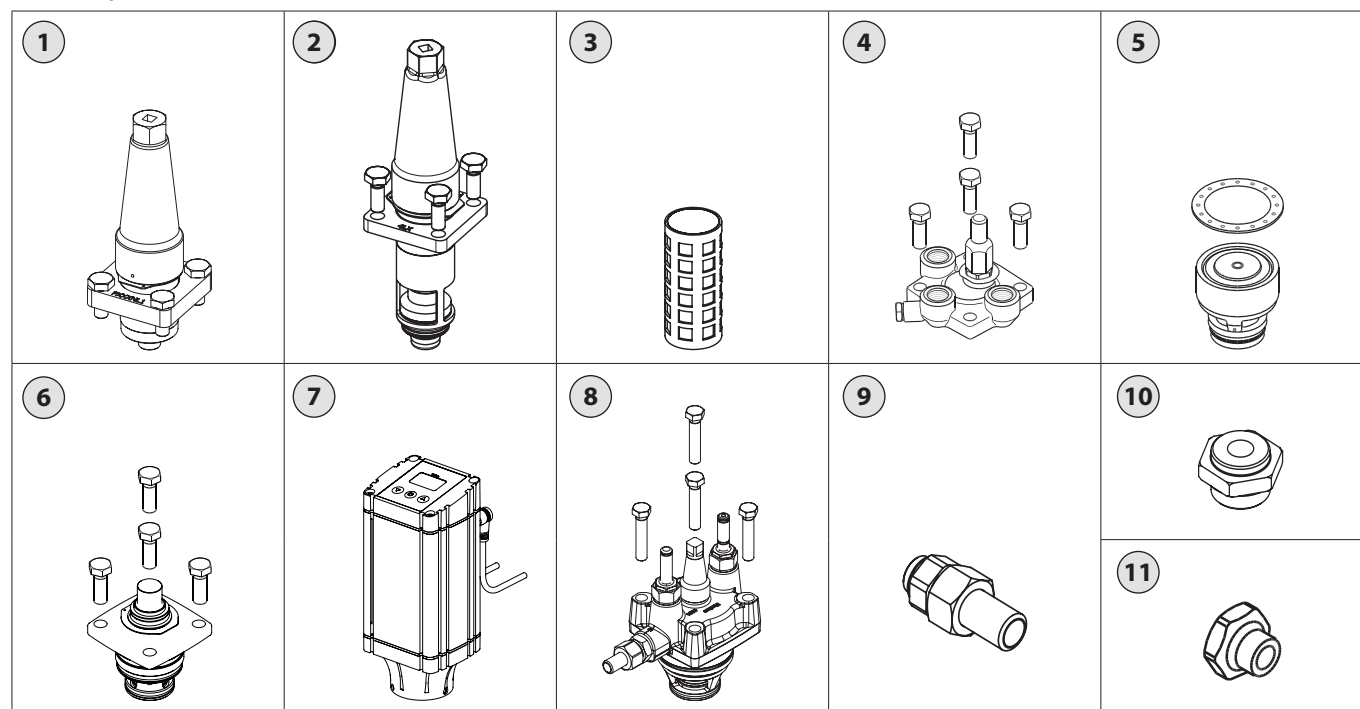
For ICF/ICF SS side ports

For ICF side ports: Sight glass G $\frac{3}{8}$ " (including Al.gasket, for ICF with DIN and ANSI connections only)	11	2	027L1267
For ICF SS side ports: Sight glass G $\frac{3}{8}$ " (including Al.gasket, for ICF SS)	11	2	027L4812
Nippel for side connection G $\frac{3}{8}$ " - G $1\frac{1}{2}$ " (including Al.gasket, for ICF with DIN and ANSI connections only)	12	2	027L1266
Nippel for side connection G $\frac{3}{8}$ " - G $1\frac{1}{2}$ " (including Al.gasket, for ICF SS)	12	2	027L4810
Blind for side connection G $\frac{3}{8}$ " (including Al.gasket, for ICF with DIN and ANSI connections only)	13	2	027L1265
Blind for side connection G $\frac{3}{8}$ " (including Al.gasket, for ICF SS)	13	2	027L4811
Sight glass NPT $\frac{3}{8}$ " (for ICF with SOC connections only)	11	2	027L1269
Blind for side connection NPT $\frac{3}{8}$ " (for ICF with SOC connections only)	13	2	027L1268
$\frac{1}{2}$ in to DIN DN6 pipe weld connector for ICF	14	2	148B4184
$\frac{1}{2}$ in to DIN DN6 pipe weld connector for ICF SS	14	2	148B4689

All modules include a gasket and four bolts when supplied.

Data sheet – Spare parts and accessories

Valve station ICF 50, ICF 65



Description	Fig #	Qty.	Code no.
Shut-off valve module			
SVA-S 50 – Stop valve module	1	1	148B5728
SVA-S 65 – Stop valve module	1	1	148B5822
Manual regulating valve module			
REG-SB 50 – Manual regulating module	2	1	148B5734
REG-SB 65 – Manual regulating module	2	1	148B5824
Strainer insert (50)			
Filter element 100µ (150 mesh)	3	1	148H3157
Filter element 150µ (100 mesh)	3	1	148H3130
Filter element 250µ (72 mesh)	3	1	148H3138
Filter element 500µ (38 mesh)	3	1	148H3144
Pleated filter element 150µ (100 mesh)	3	1	148H3179
Pleated filter element 250µ (72 mesh)	3	1	148H3184
Pleated filter element 500µ (38 mesh)	3	1	148H3189
Pilot operated valve module			
ICS 50 – Top cover 3 pilots	4	1	027H5173
ICS 65 – Top cover 3 pilots	4	1	027H6173
ICS 50 – Function module	5	1	027H5200
ICS 50-32 – Function module	5	1	027H5211
ICS 50-40 – Function module	5	1	027H5212
ICS 65 – Function module	5	1	027H6200
ICS 65-40 – Function module	5	1	027H6212
ICS 80 – Function module	5	1	027H8200

Description	Fig #	Qty.	Code no.
Motor operated valve module			
ICM 50-A – Motor valve module	6	1	027H5180
ICM 50-B – Motor valve module	6	1	027H5181
ICM 65-A – Motor valve module	6	1	027H6180
ICM 65-B – Motor valve module	6	1	027H6181
ICAD 1200A – Actuator with 1.5 m (60 in.) cables	7	1	027H9077
ICAD 1200A – Actuator without cables	7	1	027H9122
2-step solenoid valve module			
ICLX 50 – 2-step solenoid valve module	8	1	027H5204 *
ICLX 65 – 2-step solenoid valve module	8	1	027H6204 *
Welding connections			
M33 to DIN 25 mm Pipe	9	1	027H5544
M33 to ANSI 1 in. Pipe	9	1	027H5546
Defrost drain connection kit			
M33 - G 3/8 in.	10	1	027H5547
M33 - NPT 3/8 in.	10	1	027H5548
Defrost drain blind plug			
M33 x 1.5 in.	11	2	148F1111

* Including external pilot connection, damping orifice and NC/NO pilot valves.
Not assembled.

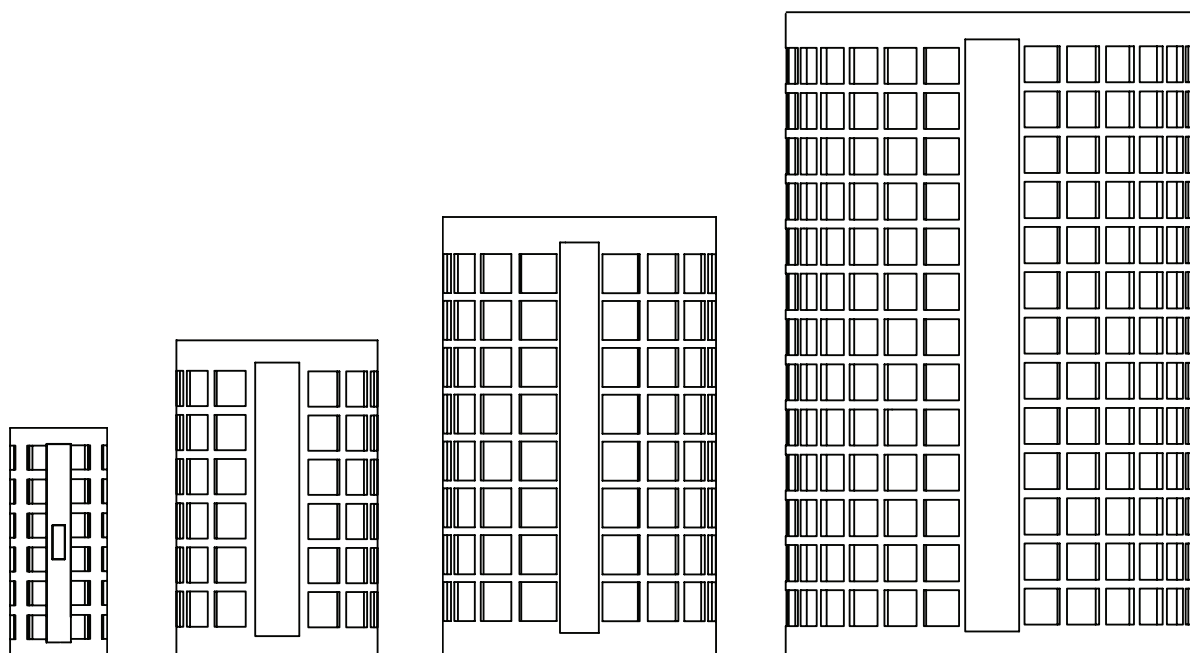
For ordering of Inspection kits, Repair kits and Overhaul kits for the ICF 50/65 control modules; please refer to the spare parts and accessories data sheet for ICS, ICM and ICLX (AI245486497115).

For ordering of Inspection kits, Repair kits and Overhaul kits for the ICF 50/65 Stop-, Regulating-, Filter-, Check- and Stop/Check modules please refer to the spare parts and accessories data sheet for SVL Flexline (AI198786421038).

Data sheet – Spare parts and accessories

Strainer inserts and accessories for FIA strainers

1



Size	Description	fig. #	Qty.	Code no.
------	-------------	--------	------	----------

Filter insert - plain

FIA 15	100µ / 150 mesh	1	1	148H3122
FIA 20	100µ / 150 mesh	1	1	148H3122
FIA 25	100µ / 150 mesh	1	1	148H3123
FIA 32	100µ / 150 mesh	1	1	148H3123
FIA 40	100µ / 150 mesh	1	1	148H3123
FIA 50	100µ / 150 mesh	1	1	148H3157

Filter insert - plain

FIA 15	150µ / 100 mesh	1	1	148H3124
FIA 20	150µ / 100 mesh	1	1	148H3124
FIA 25	150µ / 100 mesh	1	1	148H3125
FIA 32	150µ / 100 mesh	1	1	148H3125
FIA 40	150µ / 100 mesh	1	1	148H3125
FIA 50	150µ / 100 mesh	1	1	148H3130
FIA 65	150µ / 100 mesh	1	1	148H3131
FIA 80	150µ / 100 mesh	1	1	148H3119
FIA 100	150µ / 100 mesh	1	1	148H3132
FIA 125	150µ / 100 mesh	1	1	148H3133
FIA 150	150µ / 100 mesh	1	1	148H3134
FIA 200	150µ / 100 mesh	1	1	148H3135

Filter insert - plain

FIA 15	250µ / 72 mesh	1	1	148H3126
FIA 20	250µ / 72 mesh	1	1	148H3126
FIA 25	250µ / 72 mesh	1	1	148H3127
FIA 32	250µ / 72 mesh	1	1	148H3127
FIA 40	250µ / 72 mesh	1	1	148H3127
FIA 50	250µ / 72 mesh	1	1	148H3138
FIA 65	250µ / 72 mesh	1	1	148H3139
FIA 80	250µ / 72 mesh	1	1	148H3120
FIA 100	250µ / 72 mesh	1	1	148H3140
FIA 125	250µ / 72 mesh	1	1	148H3141
FIA 150	250µ / 72 mesh	1	1	148H3142
FIA 200	250µ / 72 mesh	1	1	148H3143

Filter insert - plain

FIA 15	500µ / 38 mesh	1	1	148H3128
FIA 20	500µ / 38 mesh	1	1	148H3128
FIA 25	500µ / 38 mesh	1	1	148H3129
FIA 32	500µ / 38 mesh	1	1	148H3129
FIA 40	500µ / 38 mesh	1	1	148H3129
FIA 50	500µ / 38 mesh	1	1	148H3144
FIA 65	500µ / 38 mesh	1	1	148H3145
FIA 80	500µ / 38 mesh	1	1	148H3121
FIA 100	500µ / 38 mesh	1	1	148H3146
FIA 125	500µ / 38 mesh	1	1	148H3147
FIA 150	500µ / 38 mesh	1	1	148H3148
FIA 200	500µ / 38 mesh	1	1	148H3149

Size	Description	fig. #	Qty.	Code no.
------	-------------	--------	------	----------

Filter insert - pleated

FIA 15	150µ / 100 mesh	1	1	148H3303
FIA 20	150µ / 100 mesh	1	1	148H3303
FIA 25	150µ / 100 mesh	1	1	148H3304
FIA 32	150µ / 100 mesh	1	1	148H3304
FIA 40	150µ / 100 mesh	1	1	148H3304
FIA 50	150µ / 100 mesh	1	1	148H3179
FIA 65	150µ / 100 mesh	1	1	148H3180
FIA 80	150µ / 100 mesh	1	1	148H3181
FIA 100	150µ / 100 mesh	1	1	148H3182
FIA 125	150µ / 100 mesh	1	1	148H3183
FIA 150	150µ / 100 mesh	1	1	148H3226
FIA 200	150µ / 100 mesh	1	1	148H3297

Filter insert - pleated

FIA 15	250µ / 72 mesh	1	1	148H3363
FIA 20	250µ / 72 mesh	1	1	148H3363
FIA 25	250µ / 72 mesh	1	1	148H3269
FIA 32	250µ / 72 mesh	1	1	148H3269
FIA 40	250µ / 72 mesh	1	1	148H3269
FIA 50	250µ / 72 mesh	1	1	148H3184
FIA 65	250µ / 72 mesh	1	1	148H3185
FIA 80	250µ / 72 mesh	1	1	148H3186
FIA 100	250µ / 72 mesh	1	1	148H3187
FIA 125	250µ / 72 mesh	1	1	148H3188

Filter insert - pleated

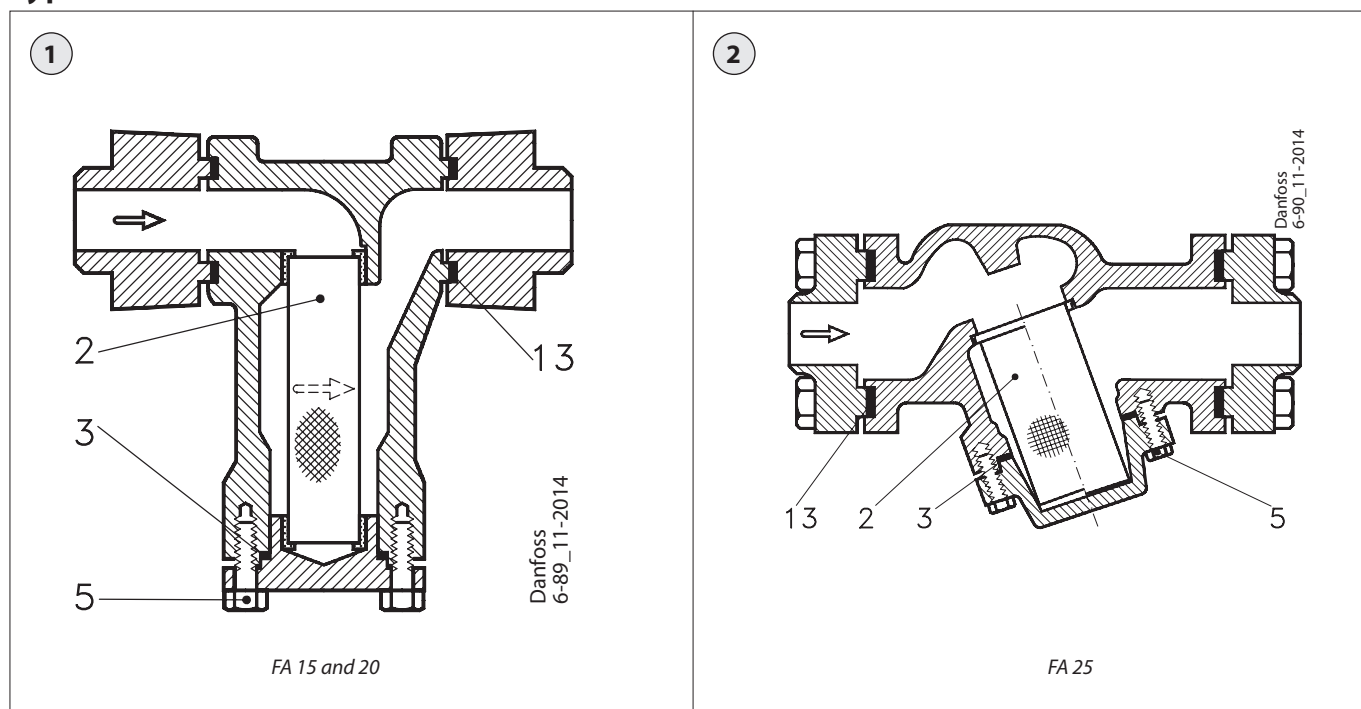
FIA 50	500µ / 38 mesh	1	1	148H3189
FIA 65	500µ / 38 mesh	1	1	148H3190
FIA 80	500µ / 38 mesh	1	1	148H3191
FIA 100	500µ / 38 mesh	1	1	148H3192
FIA 125	500µ / 38 mesh	1	1	148H3193

Other accessories

FIA 80-100	Magnet insert	-	1	148H3447
FIA 125-200	Magnet insert	-	1	148H3448
FIA 15-20	Filter element µ150 with removable element µ50 for the first start up	-	1	148H3301
FIA 25-40	Filter element µ150 with removable element µ50 for the first start up	-	1	148H3302
FIA 50	Filter bag	-	1	148H3150
FIA 65	Filter bag	-	1	148H3151
FIA 80	Filter bag	-	1	148H3152
FIA 100	Filter bag	-	1	148H3153
FIA 125	Filter bag	-	1	148H3154
FIA 150	Filter bag	-	1	148H3155
FIA 200	Filter bag	-	1	148H3156
FIA 50 - 300	Purge valve complete	-	1	148B3745
FIA 50 - 300	Blind nut with gasket	-	1	148H3450

Data sheet – Spare parts and accessories

Strainers, non welded Type FA



Description	Pos. #	Qty.	Code no.
Repair kit, figs. 1 and 2, FA 15			
Strainer	2	1	006-0331
Cover gasket	3	1	
Screw	5	4*	
Repair kit, figs. 1 and 2, FA 20			
Strainer	2	1	006-0332
Cover gasket	3	1	
Screw	5	4*	
Repair kit, figs. 1 and 2, FA 25			
Strainer	2	1	006-0333
Cover gasket	3	1	
Screw	5	4*	

*) For FA 25: 6 pcs.

**) For FA 20 strainers, for fitting in pipelines.

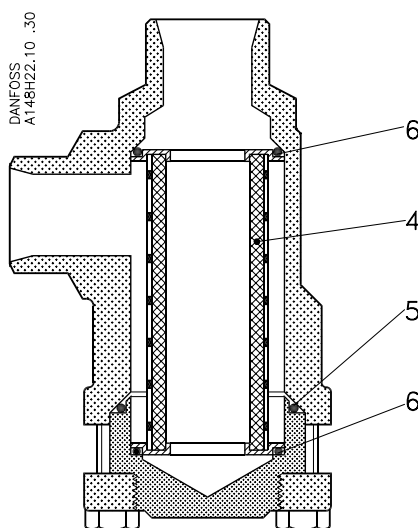
***) For FA 20 strainers, for direct fitting on valve.

Description	Pos. #	Qty.	Code no.
Seal kit, figs. 1 and 2, FA 15			
Cover gasket	3	1	006-0334
Flange gasket	13	2	
Seal kit, figs. 1 and 2, FA 20			
Cover gasket	3	1	006-0335**
Flange gasket	13	2	
Seal kit, figs. 1 and 2, FA 25			
Cover gasket	3	1	006-0336
Flange gasket	13	2	
Seal kit, figs. 1			
Cover gasket	3	1	006-0346***
Flange gasket	13	2	

Data sheet – Spare parts and accessories

Filters

Type FIL 10-40 ($\frac{3}{8}$ - $1\frac{1}{2}$ in.) XX0-XX1-XX2-XX3

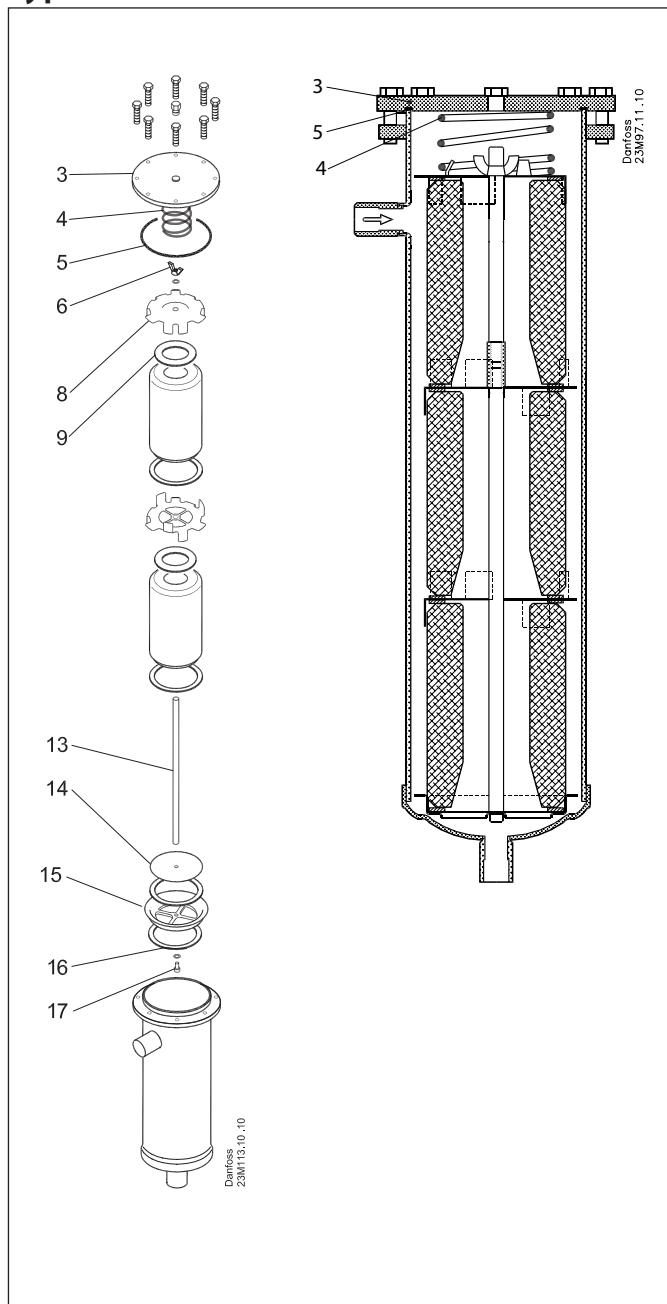


Description	Size	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets				
O-ring for housing/bonnet	Medium (10-20)	5	1	2453+028
O-rings for filter	Medium (10-20)	6	1	
O-ring for housing/bonnet	Large (25-40)	5	1	2453+029
O-rings for filter	Large (25-40)	6	1	

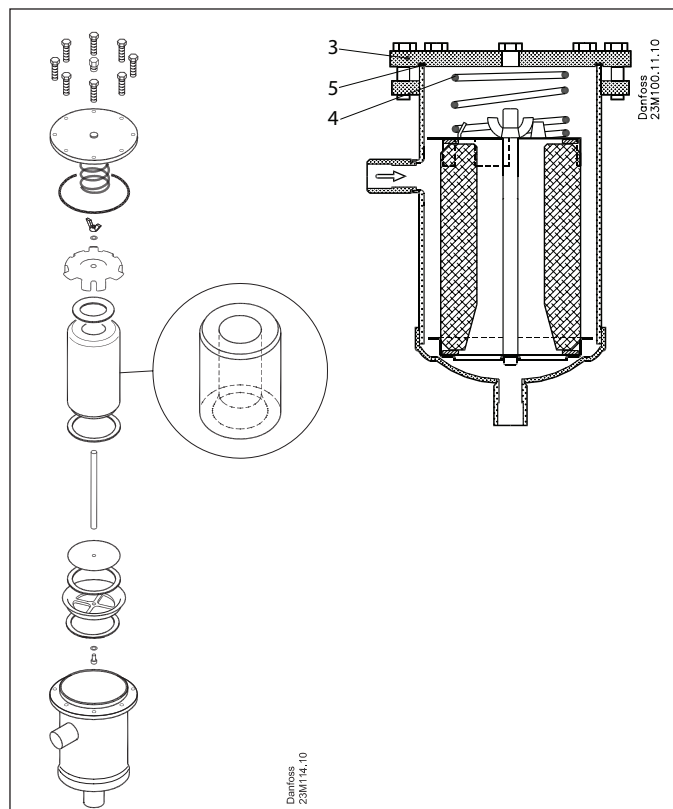
Description	Size	Pos. #	Qty.	Code no.
Filter element				
Filter element 150 µm, type XX1	Medium (10-20)	4	1	148H3002
Filter element 150 µm, type XX1	Large (25-40)	4	1	148H3003
Filter element 250 µm, type XX2	Medium (10-20)	4	1	148H3004
Filter element 250 µm, type XX2	Large (25-40)	4	1	148H3005
Filter element 500 µm, type XX3	Large (25-40)	4	1	148H3007

Data sheet – Spare parts and accessories

ELIMINATOR® filter drier with replaceable solid core
Type DCR

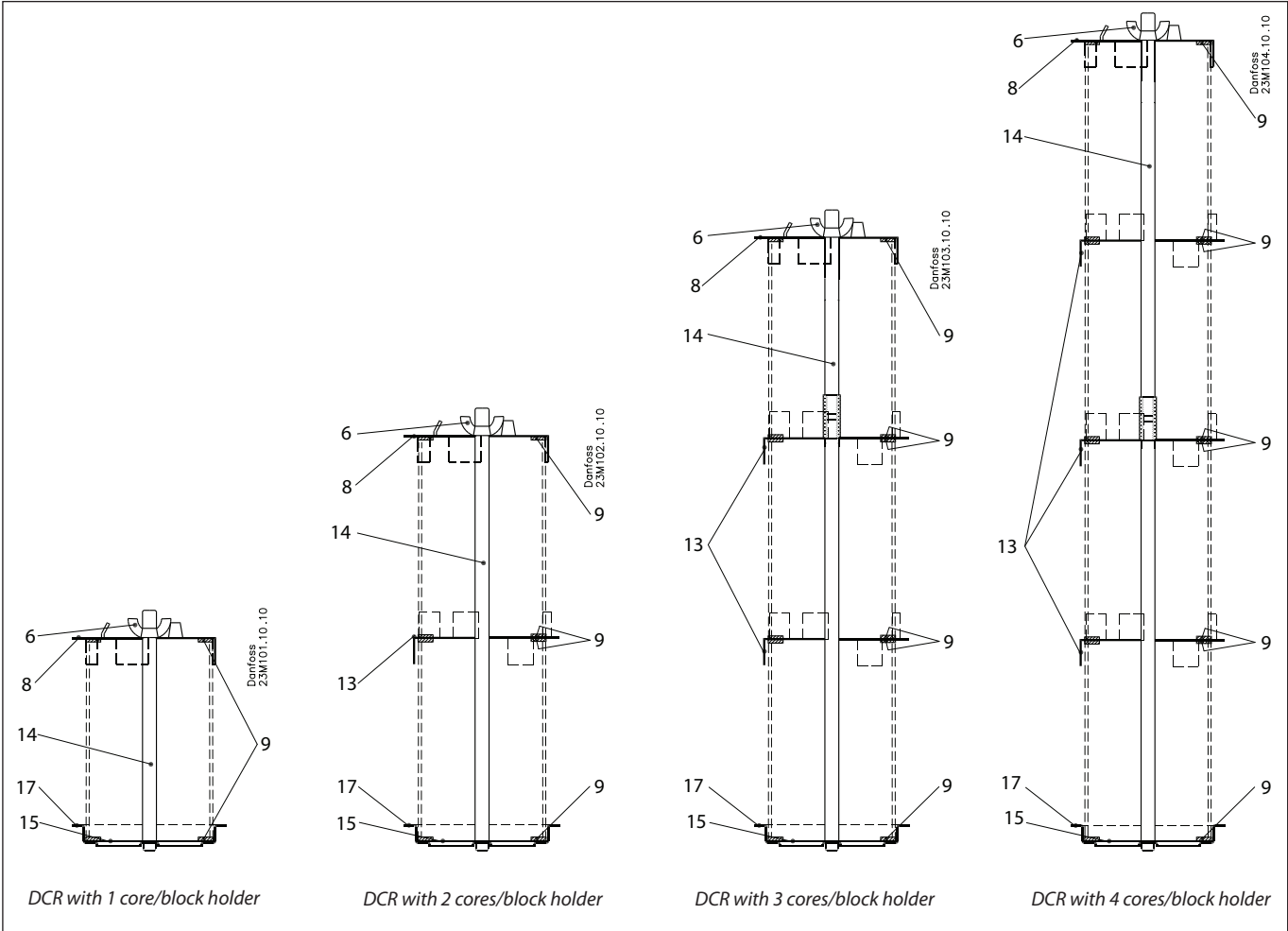


Pos.	Description	Qty.	Code no.
Top cover gasket			
5	ø121.8 × ø113.6 × 0.8 mm Suitable for: Danfoss DCR, Alco ADKS, Sporlan C, Catch All, Henry V, Parker P, Carly BCY	20	023U0055
		10	023U2015
5	ø115.5 × ø107.5 × 1.6 mm Suitable for: Hansa GT, Castel 441	20	023U0056
5	ø123.5 × ø115.0 × 1.6 mm Suitable for: KMP K	20	023U0057
5	ø121.8 × ø113.6 × 1.5 mm Heavy Duty and NH ₃	20	023U0058
Spring			
4	ø55.0 × ø47.0 mm	8	023U2019
Felt gasket			
9	ø95.5 × ø45.5 × 2 mm Suitable for: Danfoss DCR	20	023U2018
16	ø95.5 × ø78 × 2 mm Suitable for: Danfoss DCR	20	023U2016
Top cover			
3	With plug 1/4" NPT	1	023Z9906
3	Without plug	1	023Z9907



Data sheet – Spare parts and accessories

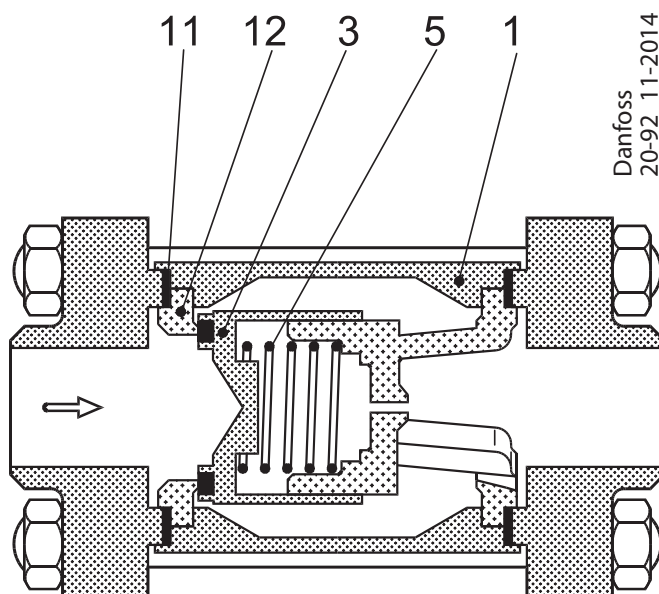
ELIMINATOR® filter drier with replaceable solid core
Type DCR



Pos.	Description	1-core	2-core	3-core	4-core
1 - 4 core/block holder					
6	Wing nut	023Z9030	023Z9031	023Z9032	023Z9033
8	Top plate				
9	Felt gasket				
13	Core plate				
14	Distance rod				
15	Wire mesh				
17	Core holder				

Data sheet – Spare parts and accessories

Check valves Type NRVA



Description	Pos. #	Qty.	Code no.
Piston assembly			
Piston assembly NRVA 15/20	3	1	020-2104
Piston assembly NRVA 25/32	3	1	020-2105
Piston assembly NRVA 40/50	3	1	020-2106
Piston assembly NRVA 65	3	1	020-2107

Valve seat			
Valve seat NRVA 15/20	12	1	020-2127
Valve seat NRVA 25/32	12	1	020-2128
Valve seat NRVA 40/50	12	1	020-2129
Valve seat NRVA 65	12	1	020-2130

Spring 0.12 bar (1.74 psi)			
Spring NRVA 15/20	5	1	020-2137
Spring NRVA 25/32	5	1	020-2138
Spring NRVA 40/50	5	1	020-2139
Spring NRVA 65	5	1	020-2140

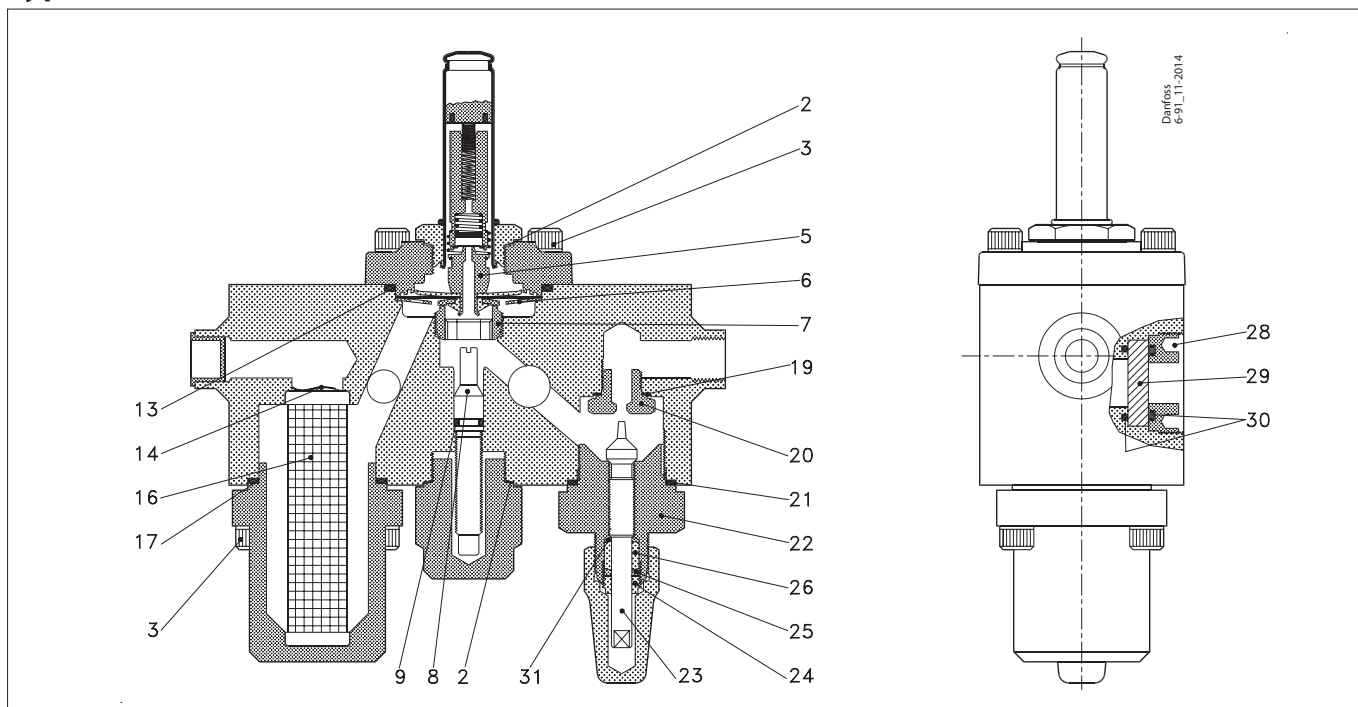
Spring 0.30 bar (4.35 psi)			
Spring NRVA 15/20	5	1	020-2307
Spring NRVA 25/32	5	1	020-2317
Spring NRVA 40/50	5	1	020-2327
Spring NRVA 65	5	1	020-2337

Description	Pos. #	Qty.	Code no.
Complete valve without flanges			
Valve assembly NRVA 15/20	1	1	020-2020
Flange gasket NRVA 15/20	11	2	
Valve assembly NRVA 25/32	1	1	020-2022
Flange gasket NRVA 25/32	11	2	
Valve assembly NRVA 40/50	1	1	020-2024
Flange gasket NRVA 40/50	11	2	
Valve assembly NRVA 65	1	1	020-2026
Flange gasket NRVA 65	11	2	

Flange gaskets			
Gaskets NRVA 15/20	11	2	020-2133
Gaskets NRVA 25/32	11	2	027F2176
Gaskets NRVA 40/50	11	2	027F2178
Gaskets NRVA 65	11	2	020-2136

Data sheet – Spare parts and accessories

Block valves Types BV 1 and BV 2



Description	Pos. #	Qty.	Code no.
Spare part set, DN 10			
Alu gasket, dia.12.0 × dia.16.5 × 0.5 mm	19	1	006-1270
Orifice, dia. 3.0 mm	20	1	
Gasket	21	1	
Stuffing box	22	1	
Spindle, dia. 3.0 mm	23	1	
Packing nut	24	1	
Packing ring	25	1	
Gasket, teflon	26	1	
Disc	31	1	

Spare part set, DN 15			
Alu gasket, dia.12.0 × dia.16.5 × 0.5 mm	19	1	006-1271
Orifice, dia. 6.0 mm	20	1	
Gasket	21	1	
Stuffing box	22	1	
Spindle, dia. 6.0 mm	23	1	
Packing nut	24	1	
Packing ring	25	1	
Gasket, teflon	26	1	
Disc	31	1	

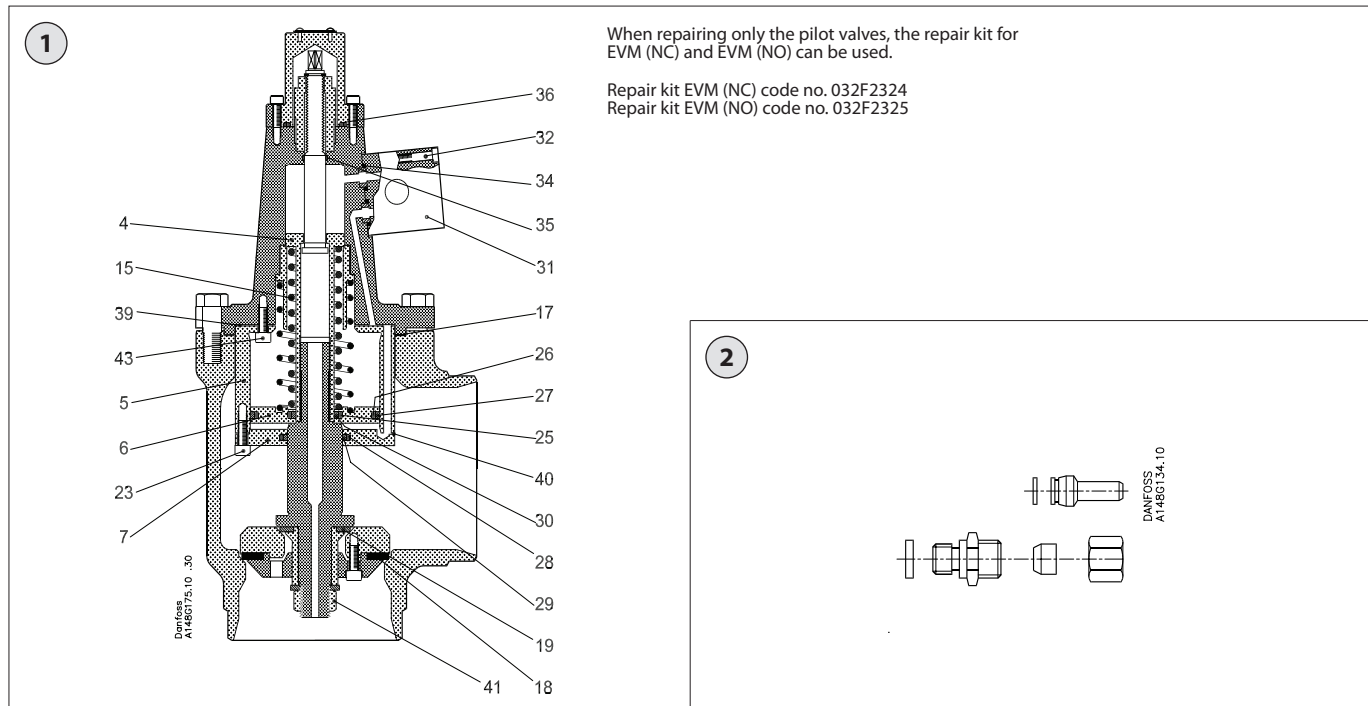
Description	Pos. #	Qty.	Code no.
Spare part set, DN 10/15			
Screws, M6 × 20	3	4	006-1272
Spring washer, dia. 13.2 × dia 18.8 × 0.2 mm	14	1	
Strainer assembly (FA)	16	1	
Gasket dia. 34.5 × dia. 41 × 1.5 mm	17	1	

Spare part set, DN 10/15			
Packing ring	28	1	006-1273
Glas, dia. 25 mm	29	2	
O-ring, dia. 17.12 × dia. 2.62 mm	30	2	

Spare part set, DN 10/15			
Alu gasket, dia. 22.1 × dia. 26.5 × 0.5 mm	2	2	006-1274
Screws, M6 × 20	3	4	
Diaphragm/armature assembly	5	1	
Washer	6	1	
Valve seat	7	1	
Manual operating spindle	8	1	
O-ring, dia. 5.28 × dia. 1.78 mm	9	1	
Rubber gasket, dia. 48.7 × dia. 43.5 × 2.6 mm	13	1	

Data sheet – Spare parts and accessories

2-step solenoid valves Type GPLX



Size	Description	Pos. #	Qty.	Code no.
------	-------------	--------	------	----------

Spare part kit, for top/housing and cap (Dismounting set)

DN 80	Gasket top/housing	17	1	148G3427
	O-ring for cap	36	1	
DN 100	Gasket top/housing	17	1	148G3428
	O-ring for cap	36	1	
DN 125	Gasket top/housing	17	1	148G3429
	O-ring for cap	36	1	
DN 150	Gasket top/housing	17	1	148G3430
	O-ring for cap	36	1	

Repair kit, complete set of gaskets

DN 80	Gasket top/housing	17	1	148G3431
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	

Repair kit, complete set of gaskets

DN 100	Gasket top/housing	17	1	148G3432
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	

Size	Description	Pos. #	Qty.	Code no.
------	-------------	--------	------	----------

Repair kit, complete set of gaskets

DN 125	Gasket top/housing	17	1	148G3433
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	

Repair kit, complete set of gaskets

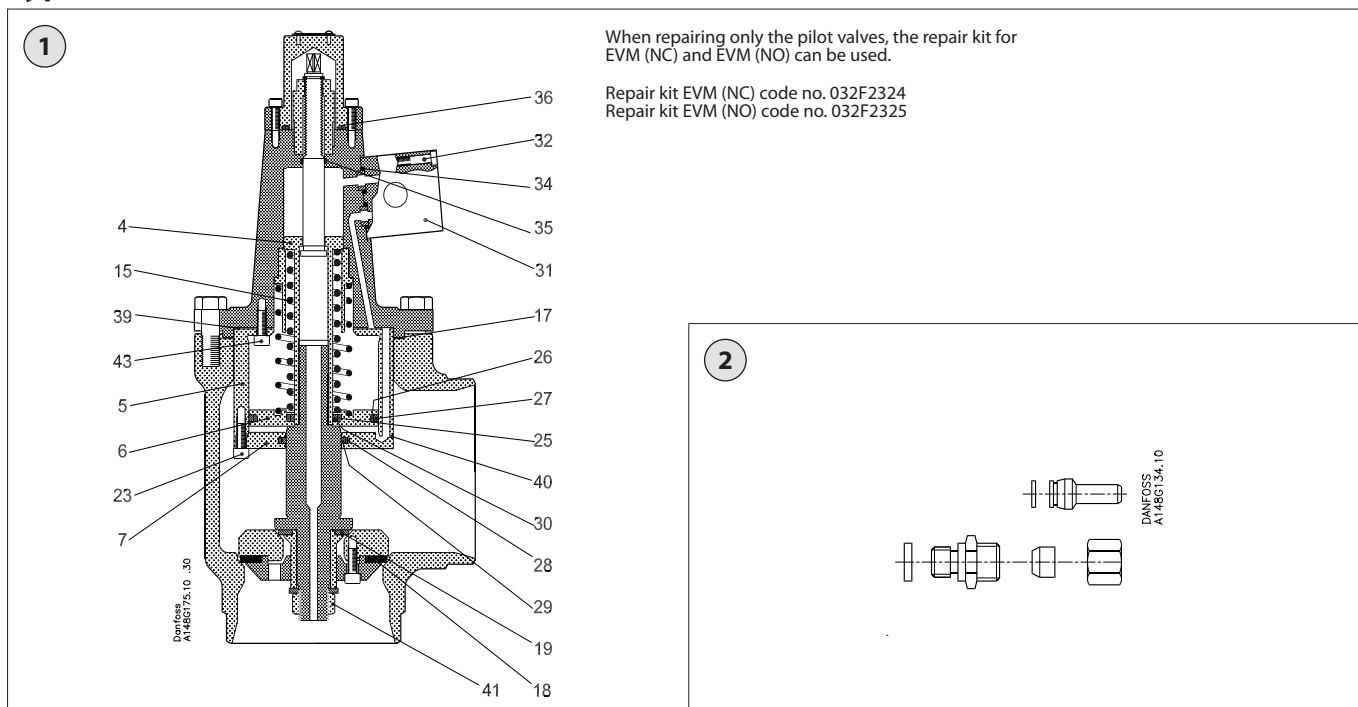
DN 150	Gasket top/housing	17	1	148G3434
	Teflon ring cone step 2	18	1	
	Teflon ring cone step 1	19	1	
	O-ring piston inside	25	1	
	O-ring piston outside	26	1	
	Glide ring piston outside	27	1	
	O-ring guide	28	1	
	Glide ring guide	29	1	
	Glide ring piston inside	30	1	
	O-ring for connection part/ solenoid valve	34	1	
	O-ring for threaded rod	35	1	
	O-ring for cap	36	1	
	Gasket for cylinder top	39	1	
	Gasket for cylinder	40	1	
	Nut	41	1	

New Additional Repair kit

DN 80	Piston rod	4	1	148G0100
	Spring open	15	1	
DN 100	Piston rod	4	1	148G0101
	Spring open	15	1	
DN 125	Piston rod	4	1	148G0102
	Spring open	15	1	
DN 150	Piston rod	4	1	148G0103
	Spring open	15	1	

Data sheet – Spare parts and accessories

2-step solenoid valves Type GPLX



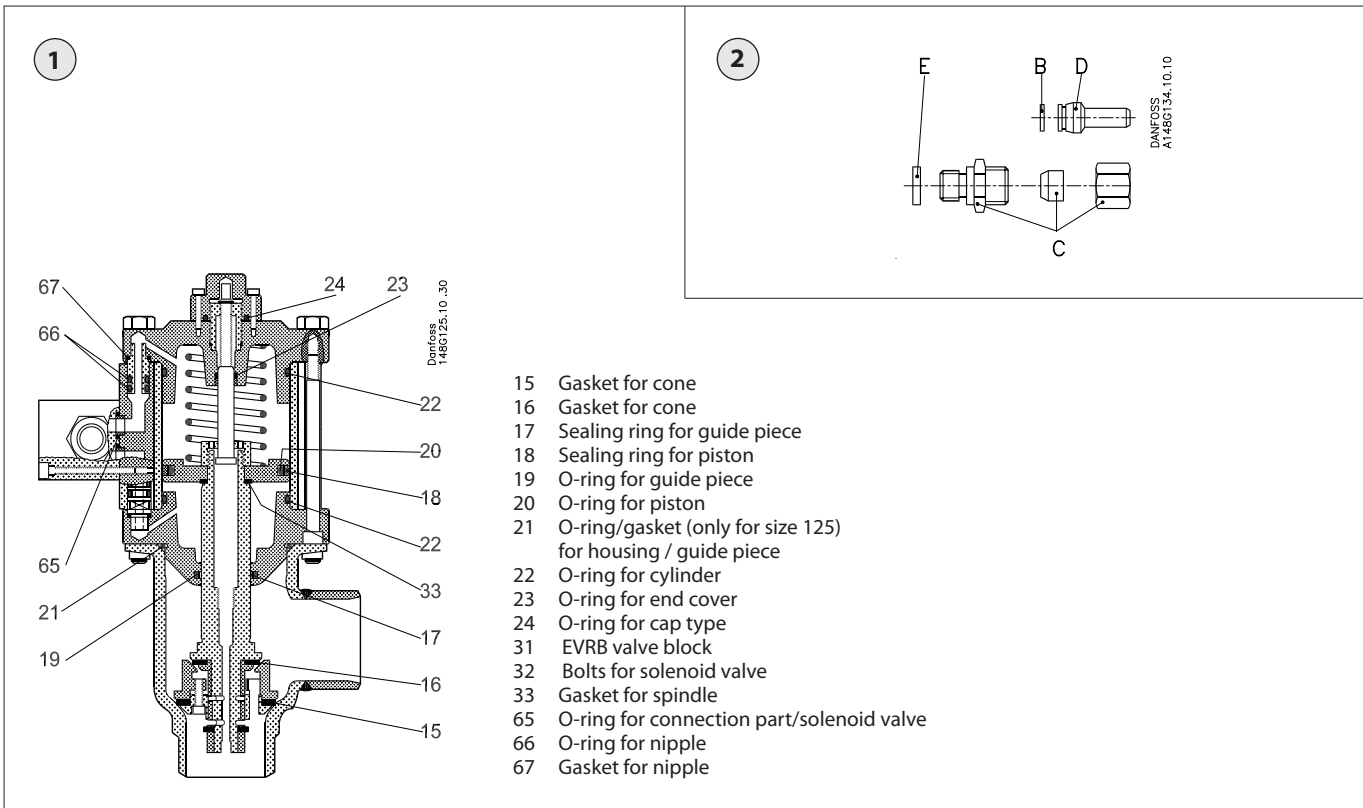
Size	Description	Pos. #	Qty.	Code no.
New Overhaul kit				
DN 80	Cylinder	5	1	148G0104
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 100	Cylinder	5	1	148G0105
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 125	Cylinder	5	1	148G0106
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	
DN 150	Cylinder	5	1	148G0107
	Piston	6	1	
	Guide piece	7	1	
	Screw	23	1	
	Screw	43	1	

Size	Description	Pos. #	Qty.	Code no.
Complete pilot valve block type EVRB without coils				
DN 80-150	EVRB valve block	31	1	2453+103
	Bolts for solenoid valve	32	1	
	O-ring for connection part / solenoid valve	34	1	
External/pilot connection complete, fig.2				
DN 80-150	External/pilot connection complete		1	148G3750

Data sheet – Spare parts and accessories

Gas powered stop valves

Type GPS 40-150 (1½ - 6 in.) type 111

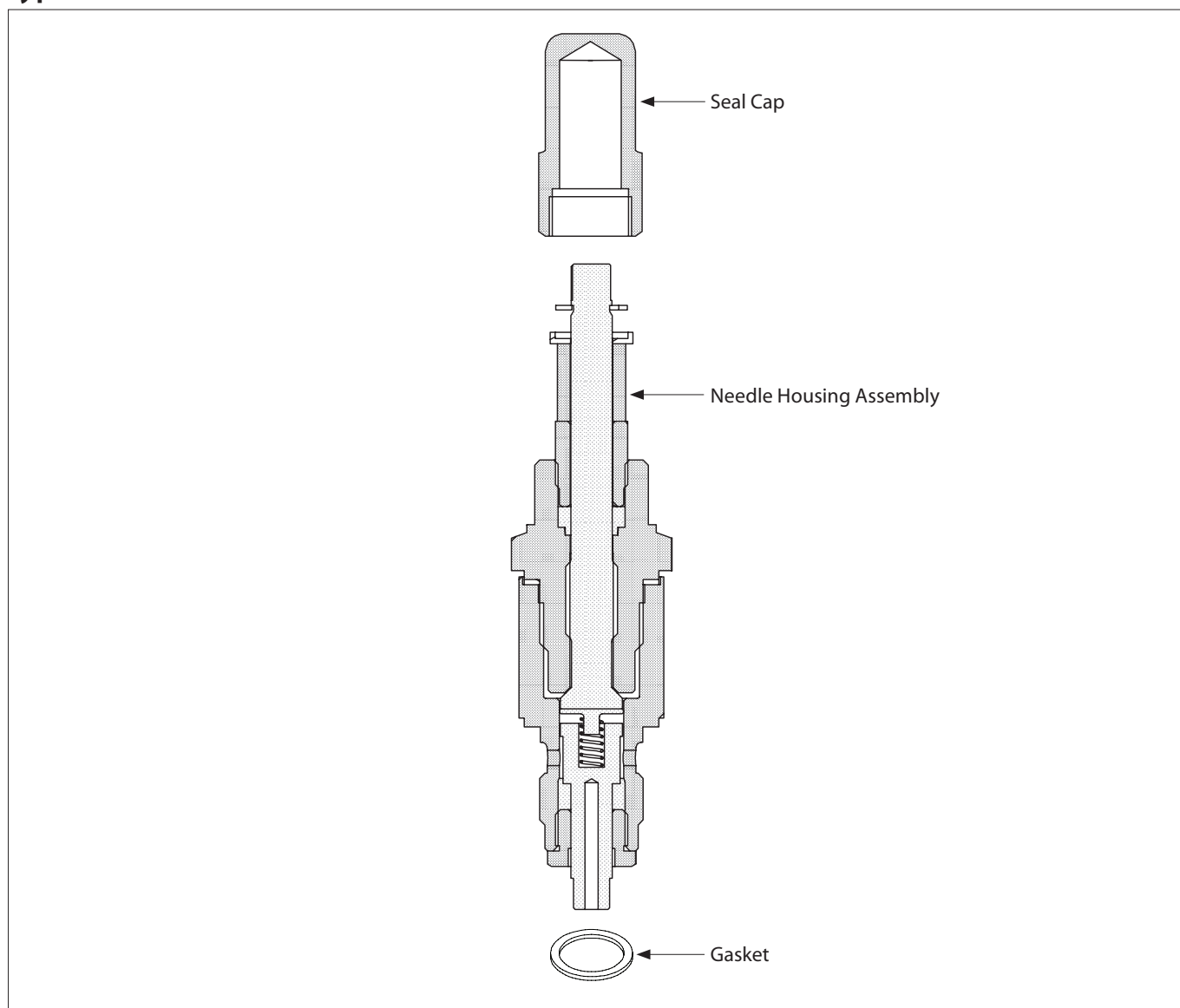


Description	Pos. #	Qty.	Size	Code no.
Repair kit, complete set of gaskets, Fig. 1				
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1 1 1 1 1 1 1	Size 40-50 (1½ -2 in.)	2453+047
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1 1 1 1 1 1 1	Size 65-80 (2½ -3 in.)	2453+048
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1 1 1 1 1 1 1	Size 100 (4 in.)	2453+049
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1 1 1 1 1 1 1	Size 125 (5 in.)	2453+055
Repair kit, complete set of gaskets	15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 33, 65, 66, 67	1 1 1 1 1 1 1 1 1 1 1	Size 150 (6 in.)	2453+068

Description	Pos. #	Qty.	Size	Code no.
Complete pilot valve block type EVRB without coils, Fig. 1				
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 40-50 (1½ -2 in.)	2453+103
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 65-80 (2½ -3 in.)	2453+103
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 100 (4 in.)	2453+103
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 125 (5 in.)	2453+103
Complete pilot valve block type EVRB without coils	31, 32, 65	1	Size 150 (6 in.)	2453+103
External/pilot connection complete, Fig 2.				
External/pilot connection complete		1	Size 40-50 (1½ -2 in.)	148G3750
External/pilot connection complete		1	Size 65-80 (2½ -3 in.)	148H3446
External/pilot connection complete		1	Size 100 (4 in.)	148H3446
External/pilot connection complete		1	Size 125 (5 in.)	148H3446
External/pilot connection complete		1	Size 150 (6 in.)	148H3446

Data sheet – Spare parts and accessories

Dual position solenoid valve
Type ICSH

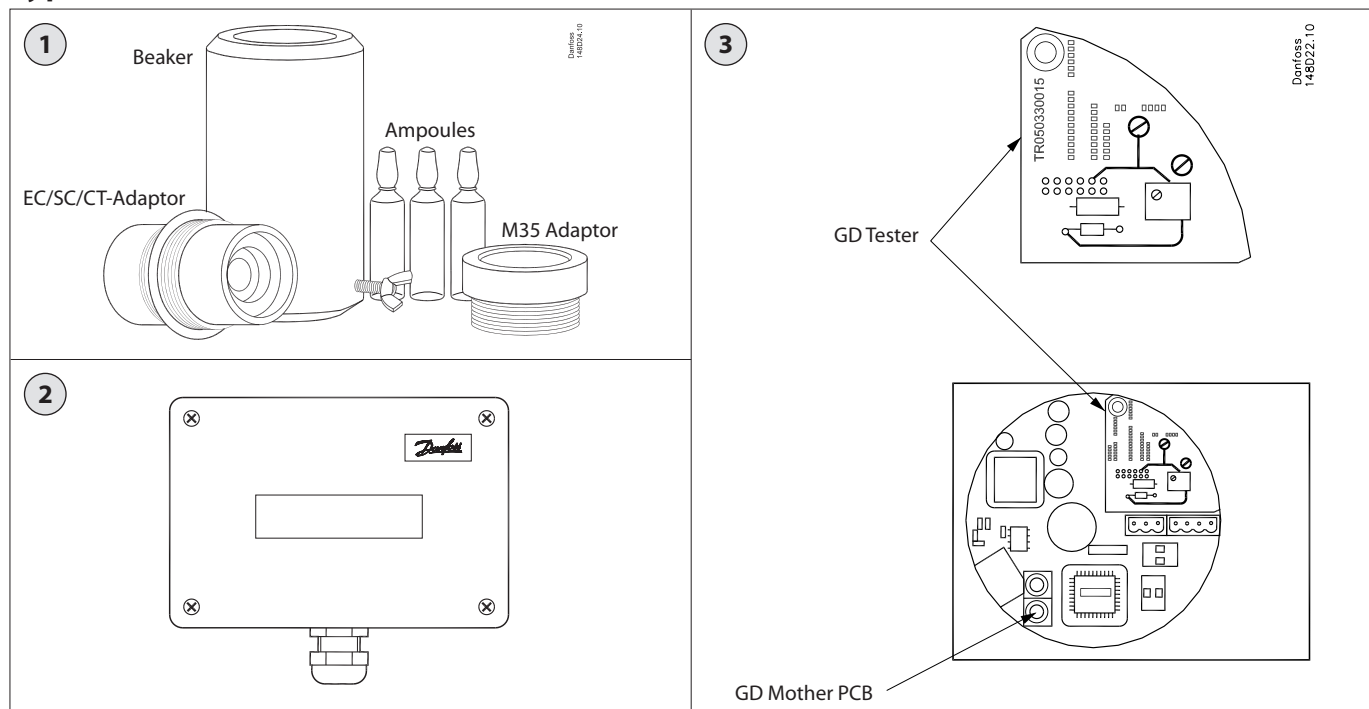


For product	Code no.
Repair kit	
ICSH-25	027H8413
ICSH-32	027H8414
ICSH-40	027H8415
ICSH-50	027H8416
ICSH-65	027H8417
ICSH-80	027H8418

Data sheet – Spare parts and accessories

Gas detecting sensors

Types GDA, GDC, GDHC, GDHF, GDH



Description	Fig. #	Qty.	Code no.
GD Tester all models. To test mother PCB at Sensor PCB replacement			
Beaker M42	1	1	148H5230
EC/SC/CT-Adapter. Fit Beaker M42	1	1	
M35 Adapter. Fit Beaker M42	1	1	
GD Ampoules			
GD Ampoules 100 ppm ammonia	1	10	148H5234
GD Ampoules 1000 ppm ammonia	1	10	148H5235
GD Ampoules 2000 ppm CO ₂	1	10	148H5236
Remote LCD display			
Remote LCD display IP 41	2	1	148H5238

Description	Fig. #	Qty.	Code no.
GD mother PCB			
GD mother PCB all models	3	1	148H5232
GD Tester for mother PCB			
GD Tester for mother PCB, all models	3	1	148H5239

Data sheet – Spare parts and accessories

**Safety relief valves SFA and SFV
Compressor overflow valve POV + BSV**

1

2

3

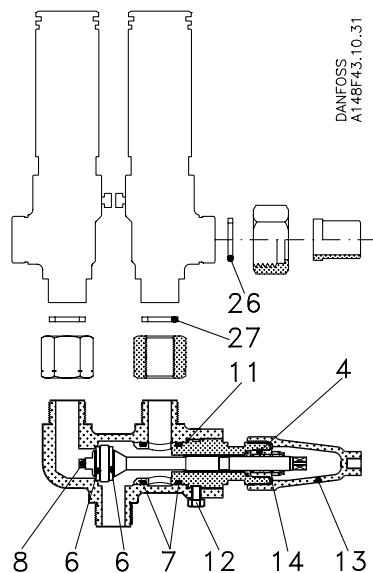
Size	Description	Pos. #	Qty.	Code no.
Fig. 1 - SFA 10 Repair kit				
SFA 10	Repair Kit 10 – 27 bar*	all pos.	1	148F3069
SFA 10	Repair Kit 28 – 40 bar*	all pos.	1	148F3070
SFA 10	Repair Kit 41 – 48 bar*	all pos.	1	148F3071
SFA 10	Repair Kit 49 – 57 bar*	all pos.	1	148F3073
SFA 10	Repair Kit 58 – 65 bar*	all pos.	1	148F3074
SFA 10 G Inlet weld connector	SFA 10 G Inlet weld connector	-	1	148F3075
Fig. 2 - SFA 15 Repair kit				
15	Cone complete	1	1	148F3036
15	Gaskets	2, 3, 4	4	
Fig. 2 - SFA 15-50 Repair kit				
15	Cone complete	1	1	148F3150
15	Gaskets	2, 3, 4	4	
SFA 10, SFA 15/SFV 15 - Nipples and gaskets				
10, 15	Nipples + gaskets set for SFA 10, SFA 15/SFV 15**	-	2	148F3019
Fig. 3 - SFV Repair kit				
20	Cone complete	1	1	2453+082
20	Gaskets	2, 3, 4	4	
25	Cone complete	1	1	2453+083
25	Gaskets	2, 3, 4	4	
SFV - Flanges and gaskets				
20	Flanges + gaskets set for SFV 20	-	1	148F3020
25	Flanges + gaskets set for SFV 25	-	1	148F3021
POV+BSV fittings				
Set of fittings for system POV+BSV	-	-	1	148H3453

* Inspection kit 148F3068 (see DSV 10) should be ordered with any SFA 10 repair kit.
** Weld nipple for SFA 10 inlet (G ½") not included in 148F3019.
(additional order 148F3075 needed)

Data sheet – Spare parts and accessories

Change-over valves

Type DSV 15 (½ in.)



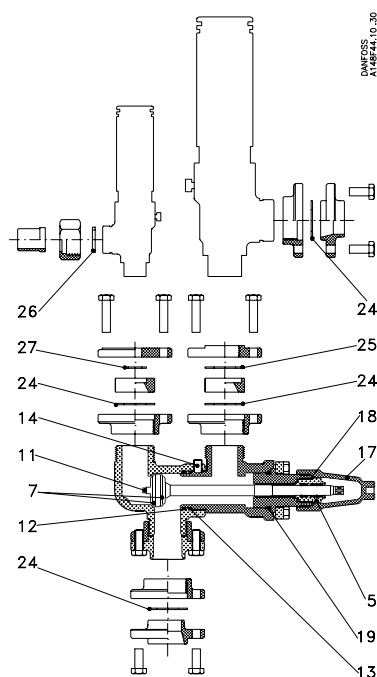
Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)			
O-ring for housing/bonnet	7	1	148F3001
Compression ring	11	1	
Lock screw	12	1	
Gasket for cap	14	1	

Repair kit, complete set of gaskets			
Gaskets complete for packing gland	4	1	2453+054
Gaskets for cone	6	1	
O-ring for housing/bonnet	7	1	
Lock pin	8	1	
Compression ring	11	1	
Lock screw	12	1	
Gasket for cap	14	1	
Gasket for nipple SFV	26	1	
Gasket for nipple SFV/DSV	27	1	

Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	13,14	1	148B4075
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	148H3445

Data sheet – Spare parts and accessories

Change-over valves Type DSV 32 (1¼ in.)



Size 32
(1¼ in.)

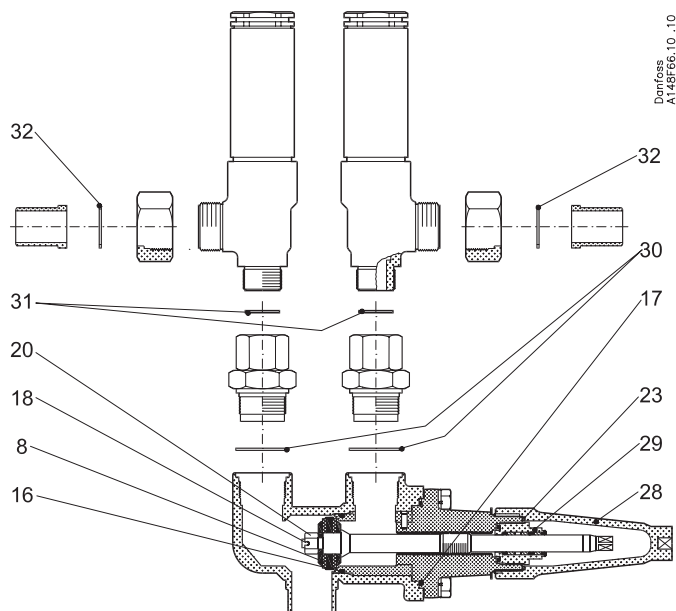
Description	Pos. #	Qty.	Code no.
Repair kit, complete set of gaskets			
Gaskets complete for packing gland	5	1	2453+065
Gaskets for cone	7	1	
Lock pin	11	1	
O-ring for housing	12	1	
Compression ring	13	1	
Lock screw	14	1	
Gasket for cap	18	1	
O-ring for housing/bonnet	19	1	
Gasket for flange SFV 15-20-25/DSV	24	1	
Gasket for flange SFV 20-25/DSV	25	1	
Gasket for nipple SFV 15	26	1	
Gasket for flange SFV 15/DSV	27	1	

Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	17,18	1	148B4076
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	148H3445

Data sheet – Spare parts and accessories

Change-over valves

Type DSV 1, size 25 (1 in.)



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (installation kit)			
O-ring for seat	16	1	148F3022
O-ring for housing/bonnet	17	1	
Gasket for cap	23	1	

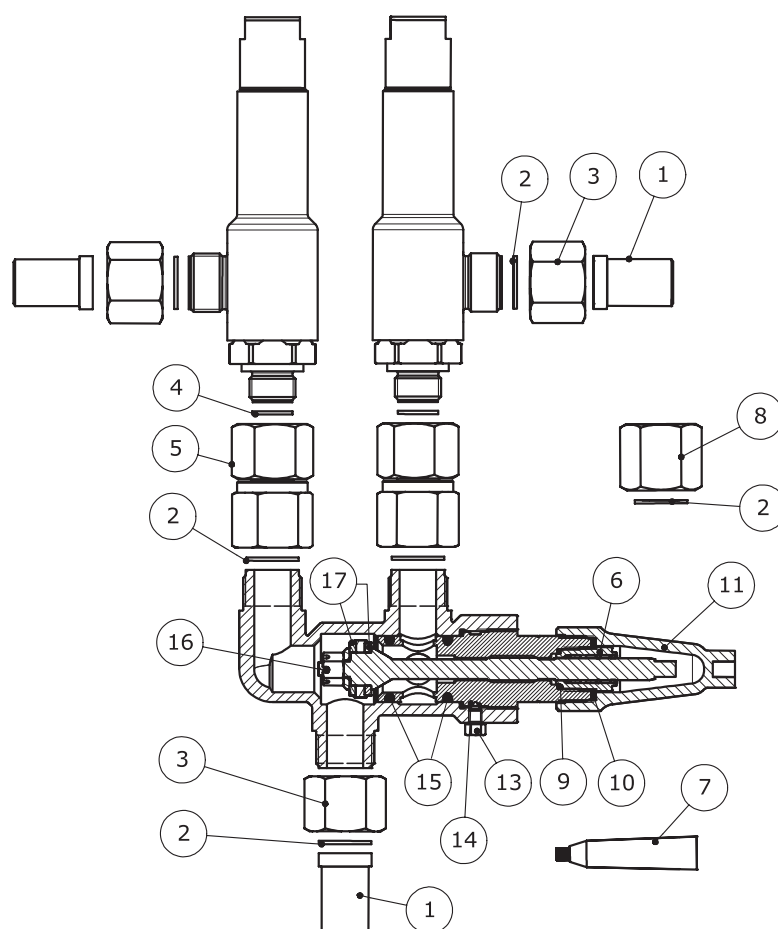
Dismounting kit			
Gasket for reducer SFV 15/DSV 1	30	2	148F3029
Gasket for reducer SFV 15/DSV 1	31	2	
Gasket for nipple SFV 15/DSV 1	32	2	

Repair kit, complete set of gaskets			
Gasket for cone	8	2	148F3024
O-ring for seat	16	1	
O-ring for housing/bonnet	17	1	
Lock pin	18	1	
Slotted nut	20	1	
Gasket for cap	23	1	
Packing gland incl. gaskets	29	1	
Gasket for reducer SFV 15/DSV 1	30	2	
Gasket for reducer SFV 15/DSV 1	31	2	
Gasket for nipple SFV 15/DSV 1	32	2	

Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	23,28	1	148B4076
Grease			
Grease for packing gland (tube)	-	1	148H3445

Data sheet – Spare parts and accessories

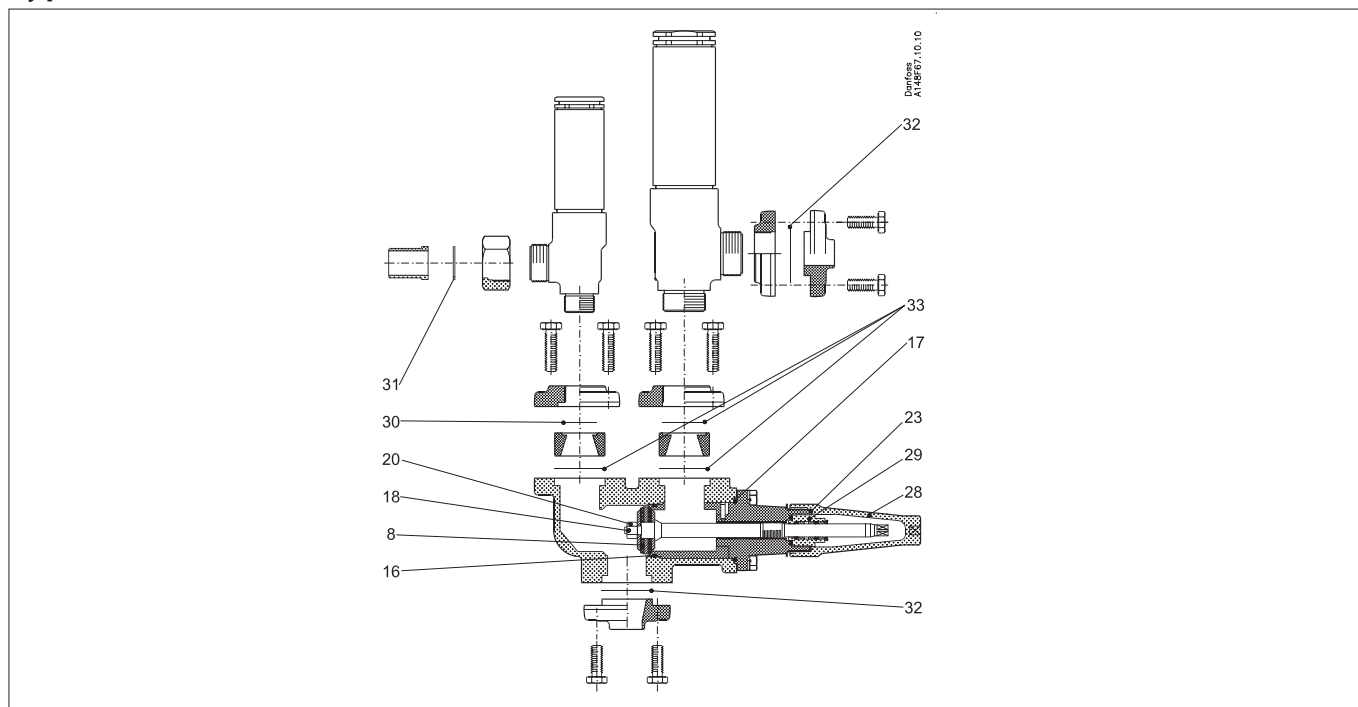
Change-over valve Type DSV 10 (3/8 in.)



Description	Pos. #	Qty.	Code no.
Spare part kit, for bonnet and cap (dismounting set)			
O ring for housing/bonnet	15	2	148F3001
Compression ring	14	1	
Lock screw	13	1	
Gasket for cap	10	1	
SFA 10 /DSV 10 inspection kit			
Al gasket for nipple ND 15/ND 20	2	5	148F3068
Al gasket in retainer of SFA10/SFA15	4	2	
Repair kit, complete set of gaskets			
Packing gland	6	1	148F3066
Gasket complete for packing gland	9	1	
Gasket for cone	17	2	
O ring for bonnet	15	2	
Lock pin	16	1	
Lock screw	13	1	
Gasket for cap	10	1	
Al gasket for nipple ND 15/ND 20	2	5	
Al gasket in retainer of SFA10/SFA15	4	2	
Compressing ring	14	1	
Packing gland incl. gaskets (with O-rings)			
Packing gland	6	1	148F3065
Gasket complete for packing gland	9	1	
Cap incl. gasket			
Al cap	11	1	148B4075
Gasket for the cap	10	1	
Grease for packing gland (tube)	7	8	148H3445

Data sheet – Spare parts and accessories

Change-over valves Type DSV 2

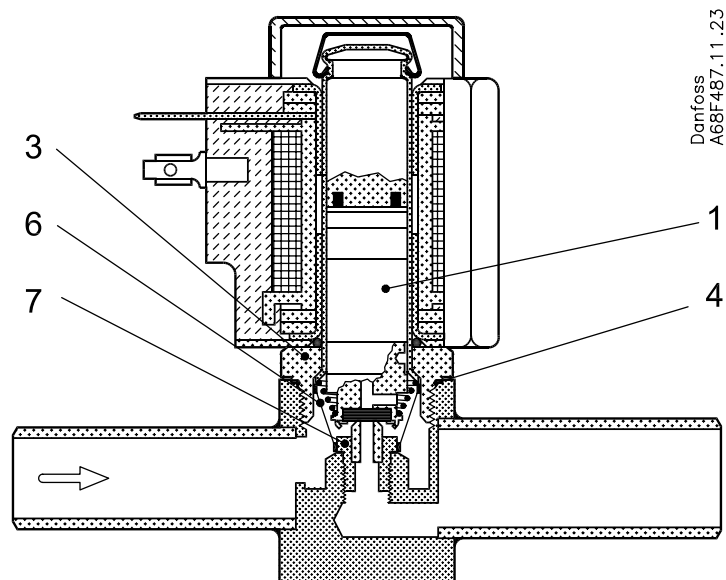


Description	Pos. #	Qty.	Code no.
Dismounting kit			
Gasket for flange SFV 15/DSV 2	30	2	148F3030
Gasket for nipple SFV 15	31	2	
Gasket for flange SFV 15-20-25/DSV 2	32	2	
Gasket for flange SFV 20-25/DSV 2	33	5	
Repair kit, complete set of gaskets			
Gasket for cone	8	2	148F3025
O-ring for seat	16	1	
O-ring for housing/bonnet	17	1	
Lock pin	18	1	
Slotted nut	20	1	
Gasket for cap	23	1	
Packing gland incl. gaskets	29	1	
Gasket for flange SFV 15/DSV 2	30	2	
Gasket for nipple SFV 15	31	2	
Gasket for flange SFV 15-20-25/DSV 2	32	2	
Gasket for flange SFV 20-25/DSV 2	33	5	

Description	Pos. #	Qty.	Code no.
Cap incl. gasket			
Cap incl. gasket	23,28	1	148B4076
Grease for packing gland (tube)			
Grease for packing gland (tube)		1	148H3445

Data sheet – Spare parts and accessories

Electric expansion valves
Type AKVA 10



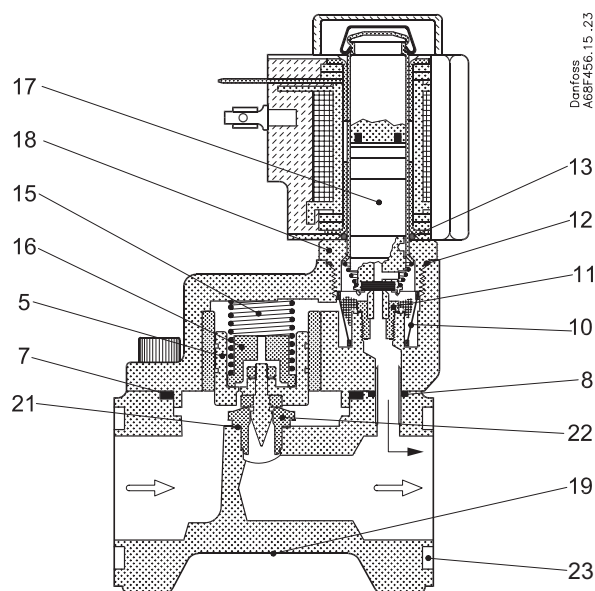
Description	Pos. #	Qty.	Code no.
Orifice			
Orifice 10-1	7	1	068F0526
Alu gasket	4	10	
Orifice 10-2	7	1	068F0527
Alu gasket	4	10	
Orifice 10-3	7	1	068F0528
Alu gasket	4	10	
Orifice 10-4	7	1	068F0529
Alu gasket	4	10	
Orifice 10-5	7	1	068F0530
Alu gasket	4	10	
Orifice 10-6	7	1	068F0531
Alu gasket	4	10	
Orifice 10-7	7	1	068F0532
Alu gasket	4	10	

Description	Pos. #	Qty.	Code no.
Filter			
Filter	6	10	068F0540
Alu gasket	4	10	
Armature set			
Armature	1	1	068F5045
Armature tube assembly	3	1	
Alu gasket	4	1	

Data sheet – Spare parts and accessories

Electric expansion valves

Type AKVA 15



Description	Pos. #	Qty.	Code no.
-------------	--------	------	----------

Piston kit - AKVA 15-1

Piston assembly	5	1	068F5265
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	

Piston kit - AKVA 15-2

Piston assembly	5	1	068F5266
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	

Piston kit - AKVA 15-3

Piston assembly	5	1	068F5267
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	

Piston kit - AKVA 15-4

Piston assembly	5	1	068F5268
Square gasket, rubber	7	1	
O-ring	8	1	
Spring	15	1	
Insert	16	1	
Label	19	1	

Description	Pos. #	Qty.	Code no.
-------------	--------	------	----------

Orifice set

Main orifice	22	1	068F5261
Pilot orifice	11	1	
Alu gasket	21	1	
O-ring	8	1	
Square gasket, rubber	7	1	

Armature set

Armature	17	1	068F5045
Armature tube assembly	18	1	
Alu gasket	12	1	

Filter

Filter	10	10	068F0540
Alu gasket	12	10	

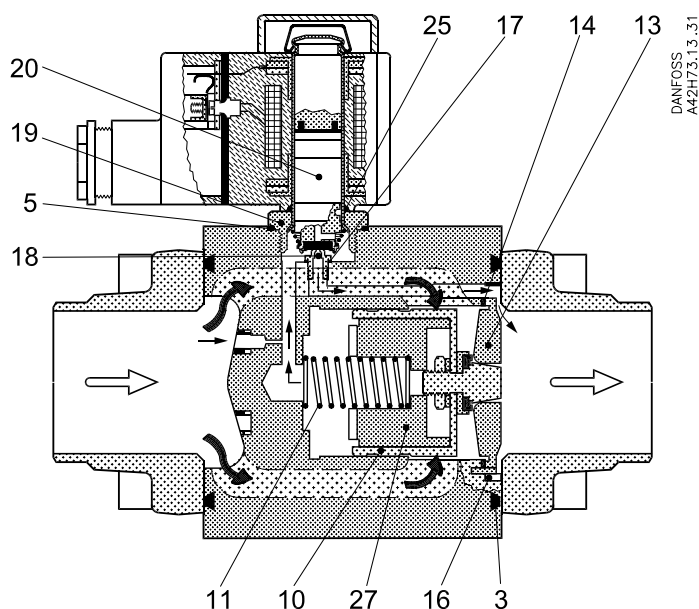
Gasket set

O-ring	8	10	068F5264
O-ring	13	10	
Alu gasket	12	10	
Alu gasket	21	10	
Square gasket, rubber	7	10	
Flange gasket	23	20	

Data sheet – Spare parts and accessories

Electric expansion valves

Type AKVA 20

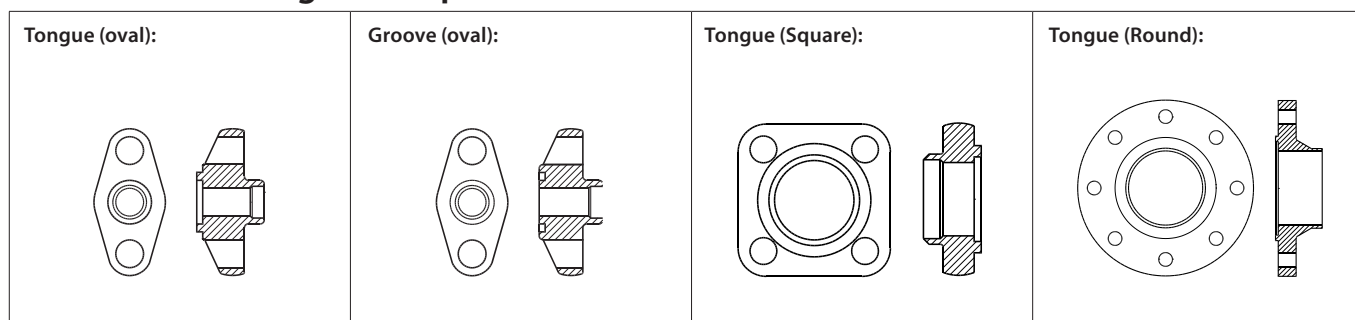


Description	Pos. #	Qty.	Code no.
Piston kit - AKVA 20-0.6			
Piston assembly	10	1	042H2039
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-1			
Piston assembly	10	1	042H2040
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-2			
Piston assembly	10	1	042H2041
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-3			
Piston assembly	10	1	042H2042
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Piston kit - AKVA 20-4			
Piston assembly	10	1	042H2043
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	

Description	Pos. #	Qty.	Code no.
Piston kit - AKVA 20-5			
Piston assembly	10	1	042H2044
Spring	11	1	
Insert	27	1	
O-ring	14	1	
O-ring	3	2	
Orifice kit (for AKVA 20-0.6, AKVA 20-1, AKVA 20-2, AKVA 20-3)			
Main orifice, dia. 8 mm	13	1	068F5270
Pilot orifice, dia. 1.2 mm	18	1	
Pin	16	1	
O-ring	3	2	
O-ring	14	1	
Alu gasket	17	1	
Orifice kit (for AKVA 20-4, AKVA 20-5)			
Main orifice, dia. 14 mm	13	1	068F5271
Pilot orifice, dia. 2.4 mm	18	1	
Pin	16	1	
O-ring	3	2	
O-ring	14	1	
Alu gasket	17	1	
Seal kit			
O-ring	3	2	042H0160
O-ring	14	1	
O-ring	25	1	
Alu gasket	5	2	
Alu gasket	17	1	
Armature set			
Armature	20	1	068F5045
Armature tube assembly	19	1	
Alu gasket	5	1	

Data sheet – Spare parts and accessories

Flanges, gaskets, bolts and nuts for Industrial Refrigeration products



Ordering flanges, gaskets, bolts and nuts for:

Page

TEA/TEAT Expansion valves	324
EVRA/EVRAT Solenoid valves	326
ICF EVRAT - FA + solenoid valves	328
PML Solenoid valves	330
PMLX 2-step solenoid valves	331
PM Pilot operated servo valves	332
ICV PM Valve housings	334
PMC Pilot operated servo valves	335
CVMD Pressure regulating valves	336
FA Strainers	337
NRVA Check valves	339
NRVS Check valves	341
PMFL Liquid level regulating valves	342
PMFH Liquid level regulating valves	343

Dimensions for:

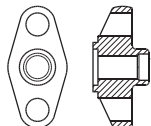
Flange version 1	344
Flange version 2	346
Flange version 3	347
Flange version 4	348
Flange version 5	349
Flange version 6	350
Flange version 8	351
Flange version 10	352
Flange version 11	353
Flange version 12	354
Flange version 13	355
Flange version 14	356
Flange for NRVS (special)	358

Data sheet – Spare parts and accessories

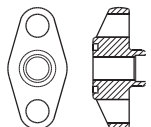
Flanges for TEA / TEAT Expansion valves

	For product	Connection size	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]						

Tongue (oval):



Groove (oval):



Flange version 1

TEA 20 / TEAT 20	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1118
TEA 20 / TEAT 20	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1119
TEA 20 / TEAT 20	¾	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1120
TEA 20 / TEAT 20	¾	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1121
TEA 20 / TEAT 20	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1122
TEA 20 / TEAT 20	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1123
TEA 20 / TEAT 20	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1124
TEA 20 / TEAT 20	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1125
TEA 20 / TEAT 20	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1160
TEA 20 / TEAT 20	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1161
TEA 20 / TEAT 20	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1162
TEA 20 / TEAT 20	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1163
TEA 20 / TEAT 20	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1176
TEA 20 / TEAT 20	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1177
TEA 20 / TEAT 20	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1166

Flange version 1.2

TEA 20 / TEAT 20	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027B0181
TEA 20 / TEAT 20	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	006-1195

Flange version 1.3

TEA 20 / TEAT 20	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3253
TEA 20 / TEAT 20	¾	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1112
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1115
TEA 20 / TEAT 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1120
TEA 20 / TEAT 20	¾	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2020
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2021
TEA 20 / TEAT 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2022
TEA 20 / TEAT 20	¾	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2010
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2011
TEA 20 / TEAT 20	¾	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1005
TEA 20 / TEAT 20	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1006
TEA 20 / TEAT 20	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1116
TEA 20 / TEAT 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1122
TEA 20 / TEAT 20	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1117
TEA 20 / TEAT 20	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1123

Flange version 3

TEA 85 / TEAT 85	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
TEA 85 / TEAT 85	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
TEA 85 / TEAT 85	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
TEA 85 / TEAT 85	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
TEA 85 / TEAT 85	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
TEA 85 / TEAT 85	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
TEA 85 / TEAT 85	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
TEA 85 / TEAT 85	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
TEA 85 / TEAT 85	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
TEA 85 / TEAT 85	1⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 1: Each code no. includes one flange and one flange gasket.

Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 x 135 mm / M12 x 127 mm) and four nuts (M12).

Flange version 1.3: Each code no. includes two flanges.

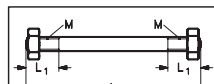
Flange version 3: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1 + 1.2 + 1.3	22 x 32 x 1.0	0.866 x 1.260 x 0.039	40	020-2133

Data sheet – Spare parts and accessories

Set of staybolts and gaskets for flanges

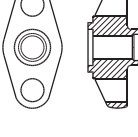
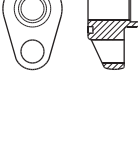


Set of staybolts and gaskets for	Material	Thread [M]	L ₁ [mm]	L ₁ [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
TEA 20 / TEAT 20 without filter	Steel	M12	19	0.748	115	4.527	2	4	3	006-1107
TEA 20 / TEAT 20 with filter	Steel	M12	19	0.748	170	6.693	2	4	3	006-1103
TEA 85 / TEAT 85 with filter	Steel	M12	25	0.984	206	8.110	2	4	3	006-1106

Data sheet – Spare parts and accessories

Flanges for EVRA / EVRAT Solenoid valves

	For product	Connection size	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]						

Flange version 1										
Tongue (oval): 	EVRA 3 / EVRA 10 / EVRA 15	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1118
	EVRA 3 / EVRA 10 / EVRA 15	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1119
	EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1120
	EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1121
	EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1122
	EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1123
Groove (oval): 	EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1124
	EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1125
	EVRA 3 / EVRA 10 / EVRA 15	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1160
	EVRA 3 / EVRA 10 / EVRA 15	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1161
	EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1162
	EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1163
	EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1176
	EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1177
	EVRA 3 / EVRA 10 / EVRA 15	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1166

Flange version 1.2

EVRA 3 / EVRA 10 / EVRA 15	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027B0181
EVRA 3 / EVRA 10 / EVRA 15	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	006-1195

Flange version 1.3

EVRA 3 / EVRA 10 / EVRA 15	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3253
EVRAT 20	½	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3253
EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1112
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1115
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1120
EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2020
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2021
EVRA 3 / EVRA 10 / EVRA 15	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2022
EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2010
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2011
EVRA 3 / EVRA 10 / EVRA 15	¾	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1005
EVRA 3 / EVRA 10 / EVRA 15	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1006
EVRA 3 / EVRA 10 / EVRA 15	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1116
EVRA 3 / EVRA 10 / EVRA 15	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1122
EVRA 3 / EVRA 10 / EVRA 15	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1117
EVRA 3 / EVRA 10 / EVRA 15	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1123

Flange version 3

EVRA 20 / EVRA 25	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
EVRA 20 / EVRA 25	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
EVRA 20 / EVRA 25	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
EVRA 20 / EVRA 25	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
EVRA 20 / EVRA 25	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
EVRA 20 / EVRA 25	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
EVRA 20 / EVRA 25	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
EVRA 20 / EVRA 25	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
EVRA 20 / EVRA 25	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
EVRA 20 / EVRA 25	1⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 1: Each code no. includes one flange and one flange gasket.

Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 x 135 mm / M12 x 127 mm) and four nuts (M12).

Flange version 1.3: Each code no. includes two flanges.

Flange version 3: Each code no. includes two flanges.

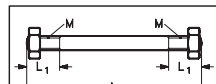
Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.2 + 1.3	22 x 32 x 1.0	0.866 x 1.260 x 0.039	40	020-2133

Data sheet – Spare parts and accessories

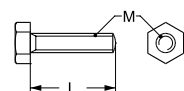
Flanges for EVRA / EVRAT Solenoid valves (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L ₁ [mm]	L ₁ [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
EVRA 10 (GGG 40.3)	Steel	M12	19	0.748	107	4.212	2	4	3	006-1101
EVRA 10 / EVRA 15 (GG 25) with filter	Steel	M12	19	0.748	188	7.401	2	4	3	006-1104
EVRA 20 / EVRA 25 (GG 25) with filter	Steel	M12	22	0.866	240	9.449	2	4	3	006-1105
EVRA 20 (GGG 40.3)	Steel	M12	19	0.748	127	5.000	2	4	3	006-1108

Bolts for flange connections



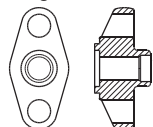
Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
EVRA 20 / EVRA 25 / EVRAT 20	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	027F2220
EVRA 10 / EVRA 15 / EVRAT 10 / EVRAT 15	Steel	Class 8.8 to ISO 898	M12	35	1.378	4	006-1139
EVRA 20 / EVRA 25 / EVRAT 20	Steel	Class 8.8 to ISO 898	M12	45	1.772	4	006-1141

Data sheet – Spare parts and accessories

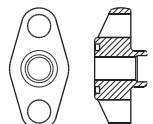
Flanges for ICF EVRAT - FA + solenoid valves

	For product	Connection size	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]						

Tongue (oval):



Groove (oval):



Flange version 1

ICF 15 EVRAT	1/4	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1118
ICF 15 EVRAT	1/4	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1119
ICF 15 EVRAT	3/8	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1120
ICF 15 EVRAT	3/8	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1121
ICF 15 EVRAT	1/2	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1122
ICF 15 EVRAT	1/2	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1123
ICF 15 EVRAT	3/4	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1124
ICF 15 EVRAT	3/4	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1125
ICF 15 EVRAT	1/2	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1160
ICF 15 EVRAT	1/2	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1161
ICF 15 EVRAT	5/8	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1162
ICF 15 EVRAT	5/8	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1163
ICF 15 EVRAT	7/8	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1176
ICF 15 EVRAT	7/8	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1177
ICF 15 EVRAT	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1166

Flange version 1.2

ICF 15 EVRAT	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027B0181
ICF 15 EVRAT	5/8 x 7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	006-1195

Flange version 1.3

ICF 15 EVRAT	1/2	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3253
ICF 20 EVRAT	1/2	15	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3253
ICF 15 EVRAT	3/8	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1112
ICF 15 EVRAT	1/2	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1115
ICF 15 EVRAT	3/4	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1120
ICF 15 EVRAT	3/8	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2020
ICF 15 EVRAT	1/2	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2021
ICF 15 EVRAT	3/4	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2022
ICF 15 EVRAT	3/8	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2010
ICF 15 EVRAT	1/2	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2011
ICF 15 EVRAT	3/8	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1005
ICF 15 EVRAT	1/2	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1006
ICF 15 EVRAT	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1116
ICF 15 EVRAT	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1122
ICF 15 EVRAT	5/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1117
ICF 15 EVRAT	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1123

Flange version 3

ICF 20 EVRAT	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
ICF 20 EVRAT	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
ICF 20 EVRAT	3/4	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
ICF 20 EVRAT	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
ICF 20 EVRAT	3/4	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
ICF 20 EVRAT	1 1/4	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
ICF 20 EVRAT	3/4	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
ICF 20 EVRAT	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
ICF 20 EVRAT	3/4	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
ICF 20 EVRAT	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
ICF 20 EVRAT	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
ICF 20 EVRAT	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
ICF 20 EVRAT	1 1/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 1: Each code no. includes one flange and one flange gasket.

Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 x 135 mm / M12 x 127 mm) and four nuts (M12).

Flange version 1.3: Each code no. includes two flanges.

Flange version 3: Each code no. includes two flanges.

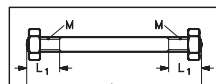
Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.2 + 1.3	22 x 32 x 1.0	0.866 x 1.260 x 0.039	40	020-2133

Data sheet – Spare parts and accessories

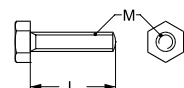
Flanges for ICF EVRAT - FA + solenoid valves (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L ₁ [mm]	L ₁ [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
ICF 15 EVRAT	Steel	M12	19	0.748	188	7.401	2	4	3	006-1104
ICF 20 EVRAT	Steel	M12	22	0.866	240	9.449	2	4	3	006-1105
ICF 20 EVRAT	Steel	M12	19	0.748	127	5.000	2	4	3	006-1108

Bolts for flange connections



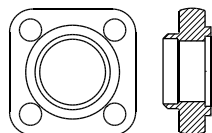
Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
ICF 20 EVRAT	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	027F2220
ICF 15 EVRAT	Steel	Class 8.8 to ISO 898	M12	35	1.378	4	006-1139
ICF 20 EVRAT	Steel	Class 8.8 to ISO 898	M12	45	1.772	4	006-1141

Data sheet – Spare parts and accessories

Flanges for PML Solenoid valves

	For product	Connection size	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.] [mm]							

Tongue (Square):



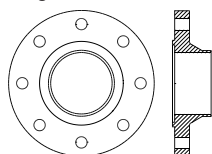
Flange version 10

PML 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
PML 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
PML 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
PML 32	1⅜	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335

Flange version 11

PML 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
PML 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
PML 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
PML 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
PML 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
PML 40	1⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441

Tongue (Round):



Flange version 12

PML 50	2½	65	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3020
PML 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
PML 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
PML 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
PML 50	2⅝	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 13

PML 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2665
PML 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2680
PML 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2666
PML 65	2⅝	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2676

Flange version 14A

PML 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2123
PML 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3042

Flange version 14B

PML 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2124
PML 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3043

Flange version 14C

PML 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2125
PML 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3044

Flange version 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	027F2176
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	027F2177
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	027F2178

Bolts and nuts for flange connections



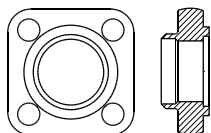
Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PML 32 / PML 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
PML 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
PML 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	027F2224	-
PML 32 / PML 40	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	-
PML 50	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	-
PML 65	Steel	Class 8.8 to ISO 898	Bolts	M14	70	2.756	4	006-1143	006-1146
PML 80	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	70	2.756	16	027F2126	-
PML 100	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	75	2.953	16	027F2127	-

Data sheet – Spare parts and accessories

Flanges for PMLX 2-step solenoid valves

	For product	Connection size [in.] [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
--	-------------	-------------------------------	----------	-------------	--------	---------------------	-----------------	-------	----------

Tongue (Square):



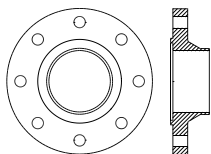
Flange version 10

PMLX 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
PMLX 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
PMLX 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
PMLX 32	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335

Flange version 11

PMLX 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
PMLX 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
PMLX 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
PMLX 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
PMLX 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
PMLX 40	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441

Tongue (Round):



Flange version 12

PMLX 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
PMLX 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
PMLX 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
PMLX 50	2¾	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 13

PMLX 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2665
PMLX 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2680
PMLX 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2666
PMLX 65	2¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2676

Flange version 14A

PMLX 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2123
PMLX 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3042

Flange version 14B

PMLX 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2124
PMLX 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3043

Flange version 14C

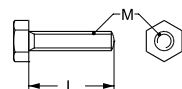
PMLX 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2125
PMLX 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3044

Flange version 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 x 57.5 x 1.5	1.673 x 2.264 x 0.059	40	027F2176
11	51 x 65 x 1.5	2.008 x 2.559 x 0.059	40	027F2177
12	60.5 x 75.5 x 1.5	2.382 x 2.972 x 0.059	40	027F2178

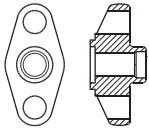
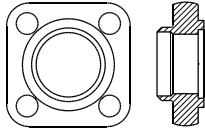
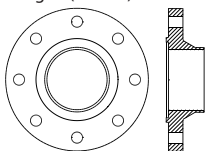
Bolts and nuts for flange connections



Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PMLX 32-40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
PMLX 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
PMLX 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	027F2224	-
PMLX 32-40	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	-
PMLX 50	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	-
PMLX 65	Steel	Class 8.8 to ISO 898	Bolts	M14	70	2.756	4	006-1143	006-1146
PMLX 80	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	70	2.756	16	027F2126	-
PMLX 100	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	75	2.953	16	027F2127	-

Data sheet – Spare parts and accessories

Flanges for PM Pilot operated servo valves

	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
Flange version 3										
Tongue (oval): 	PM 5 / PM 10 / PM 15	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
	PM 5 / PM 10 / PM 15	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
	PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
	PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
Tongue (Square): 	PM 5 / PM 10 / PM 15	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
	PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
	PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
	PM 5 / PM 10 / PM 15	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
Tongue (Round): 	PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
	PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
	PM 5 / PM 10 / PM 15	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
	PM 5 / PM 10 / PM 15	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
	PM 5 / PM 10 / PM 15	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
	PM 5 / PM 10 / PM 15	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
	PM 5 / PM 10 / PM 15	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
	PM 5 / PM 10 / PM 15	1⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229
Flange version 10										
	PM 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
	PM 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
	PM 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
	PM 32	1⅞	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335
Flange version 11										
	PM 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
	PM 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
	PM 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
	PM 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
	PM 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
	PM 40	1⅞	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441
Flange version 12										
	PM 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
	PM 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
	PM 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
	PM 50	2⅞	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554
Flange version 13										
	PM 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2665
	PM 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2680
	PM 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2666
	PM 65	2⅞	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2676
Flange version 14A										
	PM 80	4	100	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2123
	PM 80	4	100	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3042
Flange version 14B										
	PM 100	5	125	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2124
	PM 100	5	125	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3043
Flange version 14C										
	PM 125	6	150	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027F2125
	PM 125	6	150	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N3044

Flange version 3, 10, 11, 12, 13, 14A, 14B, 14C: Each code no. includes two flanges.

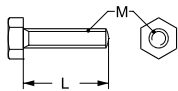
Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 × 57.5 × 1.5	1.673 × 2.264 × 0.059	40	027F2176
11	51 × 65 × 1.5	2.008 × 2.559 × 0.059	40	027F2177
12	60.5 × 75.5 × 1.5	2.382 × 2.972 × 0.059	40	027F2178

Data sheet – Spare parts and accessories

Flanges for PM Pilot operated servo valves (continued)

Bolts and nuts for flange connections



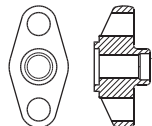
Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PM 5 / PM 10 / PM 15	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	027F2220	-
PM 32 / PM 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
PM 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
PM 80	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M20	70	2.756	16	027F2224	-
PM 5 / PM 10 / PM 15 / PM 32 / PM 40	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	-
PM 50	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	-
PM 65	Steel	Class 8.8 to ISO 898	Bolts	M14	70	2.756	4	006-1143	006-1146
PM 80	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	70	2.756	16	027F2126	-
PM 100	Steel	Class 8.8 to ISO 898	Bolts + nuts	M20	75	2.953	16	027F2127	-

Data sheet – Spare parts and accessories

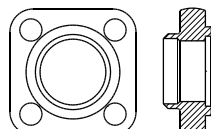
Flanges for ICV PM Valve housings

	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
--	-------------	--------------------------	-------------------------	----------	----------------	--------	------------------------	--------------------	-------	----------

Tongue (oval):



Tongue (Square):



Flange version 3

ICV PM 25	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
ICV PM 25	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
ICV PM 25	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
ICV PM 25	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
ICV PM 25	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
ICV PM 25	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
ICV PM 25	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
ICV PM 25	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
ICV PM 25	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
ICV PM 25	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
ICV PM 25	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
ICV PM 25	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
ICV PM 25	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
ICV PM 25	1½	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 10

ICV PM 32	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
ICV PM 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
ICV PM 32	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
ICV PM 32	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335

Flange version 11

ICV PM 40	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
ICV PM 40	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
ICV PM 40	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
ICV PM 40	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
ICV PM 40	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
ICV PM 40	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441

Flange version 12

ICV PM 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
ICV PM 50	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
ICV PM 50	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
ICV PM 50	2½	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 13

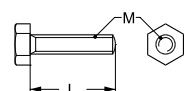
ICV PM 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2665
ICV PM 65	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2680
ICV PM 65	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2666
ICV PM 65	2¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2676

Flange version 3, 10, 11, 12, 13: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 x 57.5 x 1.5	1.673 x 2.264 x 0.059	40	027F2176
11	51 x 65 x 1.5	2.008 x 2.559 x 0.059	40	027F2177
12	60.5 x 75.5 x 1.5	2.382 x 2.972 x 0.059	40	027F2178

Bolts and nuts for flange connections



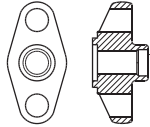
Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
ICV PM 25	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	027F2220	-
ICV PM 32 / ICV PM 40	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
ICV PM 50	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
ICV PM 25-40	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	-
ICV PM 50	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	-
ICV PM 65	Steel	Class 8.8 to ISO 898	Bolts	M14	70	2.756	4	006-1143	006-1146

Data sheet – Spare parts and accessories

Flanges for PMC Pilot operated servo valves

	For product	Connection size		Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]							

Tongue (oval):

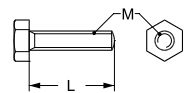


Flange version 3

PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
PMC 5 / PMC 8 / PMC 12 / PMC 20	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
PMC 5 / PMC 8 / PMC 12 / PMC 20	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
PMC 5 / PMC 8 / PMC 12 / PMC 20	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
PMC 5 / PMC 8 / PMC 12 / PMC 20	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
PMC 5 / PMC 8 / PMC 12 / PMC 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
PMC 5 / PMC 8 / PMC 12 / PMC 20	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
PMC 5 / PMC 8 / PMC 12 / PMC 20	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
PMC 5 / PMC 8 / PMC 12 / PMC 20	1 1/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 3: Each code no. includes two flanges.

Bolts for flange connections



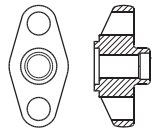
Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
PMC 5 / PMC 8 / PMC 12 / PMC 20	Stainless steel	Class A2/A4 to DIN 267	M12	45	1.772	4	027F2220
PMC 5 / PMC 8 / PMC 12 / PMC 20	Steel	Class 8.8 to ISO 898	M12	45	1.772	4	006-1141

Data sheet – Spare parts and accessories

Flanges for CVMD Pressure regulating valves

	For product	Connection size		Material	Flange 'type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]							

Tongue (oval):



Flange version 1.3

CVMD	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3254
------	---	----	-----------------	-----	---------------	----------	--------------	------	-----------------

Flange version 1.3: Each code no. includes two flanges.

Flange gaskets

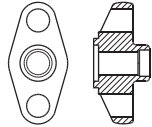
For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	020-2133

Data sheet – Spare parts and accessories

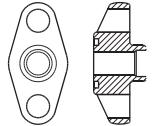
Flanges for FA Strainers

	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
--	-------------	--------------------------	-------------------------	----------	-------------	--------	---------------------	-----------------	-------	----------

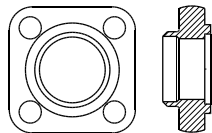
Tongue (oval):



Groove (oval):



Tongue (Square):



Flange version 1.1

FA 15	3/8	10	Steel	Set	Groove	EN 10220	Butt welding	Oval	006-1111
FA 15	1/2	15	Steel	Set	Groove	EN 10220	Butt welding	Oval	006-1112
FA 15	3/4	20	Steel	Set	Groove	EN 10220	Butt welding	Oval	006-1113
FA 15	1/2	15	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	006-1150
FA 15	5/8	16	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	006-1151
FA 15	7/8	22	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	006-1153
FA 15	1	25	Brass	Set	Groove	ASME B 16.22	Soldering	Oval	006-1158

Flange version 1.3

FA 20	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3254
-------	-----	----	-----------------	-----	---------------	----------	--------------	------	----------

Flange version 2.1

FA 20	1/2	15	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	006-1114
FA 20	3/4	20	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	006-1115
FA 20	1	25	Steel	Set	Tongue/Groove	EN 10220	Butt welding	Oval	006-1116

Flange version 2.3

FA 20	-	22	Brass	Set	Tongue/Groove	EN 1254	Soldering	Oval	006-1180
FA 20	1 1/8	-	Brass	Set	Tongue/Groove	ASME B 16.22	Soldering	Oval	006-1157

Flange version 3

FA 20	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
FA 20	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
FA 20	3/4	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
FA 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
FA 20	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
FA 20	3/4	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
FA 20	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
FA 20	1 1/4	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
FA 20	3/4	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
FA 20	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
FA 20	3/4	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
FA 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
FA 20	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
FA 20	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
FA 20	1 1/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 5

FA 20	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	006-1117
FA 25	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N1032
FA 25	1 1/8	-	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	006-1159

Flange version 1.1: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 127 mm), and four nuts (M12).

Flange version 1.3: Each code no. includes two flanges.

Flange version 2.1: Each code no. includes two flanges, two flange gaskets, two staybolts, and four nuts.

Flange version 2.3: Each code no. includes two flanges.

Flange version 3: Each code no. includes two flanges.

Flange version 5: Each code no. includes two flanges

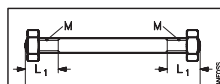
Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1.1 + 1.3	22 × 32 × 1.0	0.866 × 1.260 × 0.039	40	020-2133
5	45.5 × 59.5 × 1.5	1.791 × 2.342 × 0.059	40	026H0050

Data sheet – Spare parts and accessories

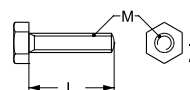
Flanges for FA Strainers (continued)

Set of staybolts and gaskets for flanges



Set of staybolts and gaskets for	Material	Thread [M]	L ₁ [mm]	L ₁ [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
FA 15	Steel	M12	19	0.748	107	4.212	2	4	3	006-1101
FA 15 / FA 20	Steel	M12	19	0.748	127	5.000	2	4	3	006-1108
FA 20	Steel	M12	22	0.866	160	6.299	2	4	3	006-1136

Bolts for flange connections



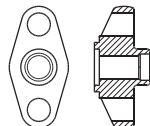
Type	Material	Material property class	M [mm]	L [mm]	L [in.]	Qty	Code no.
FA 25	Steel	Class 8.8 to ISO 898	M12	35	1.378	4	006-1139

Data sheet – Spare parts and accessories

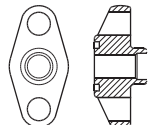
Flanges for NRVA Check valves

	For product	Connection size [in.]	Connection size [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
--	-------------	--------------------------	-------------------------	----------	-------------	--------	---------------------	-----------------	-------	----------

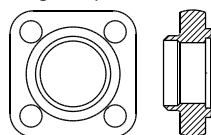
Tongue (oval):



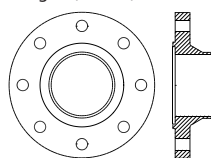
Groove (oval):



Tongue (Square):



Tongue (Round):



Flange version 1

NRVA 15 / NRVA 20	¼	6	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1118
NRVA 15 / NRVA 20	¼	6	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1119
NRVA 15 / NRVA 20	¾	10	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1120
NRVA 15 / NRVA 20	¾	10	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1121
NRVA 15 / NRVA 20	½	15	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1122
NRVA 15 / NRVA 20	½	15	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1123
NRVA 15 / NRVA 20	¾	20	Steel	Single	Tongue	EN 10220	Butt welding	Oval	006-1124
NRVA 15 / NRVA 20	¾	20	Steel	Single	Groove	EN 10220	Butt welding	Oval	006-1125
NRVA 15 / NRVA 20	½	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1160
NRVA 15 / NRVA 20	½	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1161
NRVA 15 / NRVA 20	⅝	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1162
NRVA 15 / NRVA 20	⅝	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1163
NRVA 15 / NRVA 20	⅞	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1176
NRVA 15 / NRVA 20	⅞	-	Brass	Single	Groove	ASME B 16.22	Soldering	Oval	006-1177
NRVA 15 / NRVA 20	1	-	Brass	Single	Tongue	ASME B 16.22	Soldering	Oval	006-1166

Flange version 1.2

NRVA 15 / NRVA 20	-	15 x 15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027B0181
NRVA 15 / NRVA 20	⅝ x ⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	006-1195

Flange version 1.3

NRVA 15 / NRVA 20	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3254
NRVA 15 / NRVA 20	¾	10	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1112
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1115
NRVA 15 / NRVA 20	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1120
NRVA 15 / NRVA 20	¾	10	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2020
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2021
NRVA 15 / NRVA 20	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N2022
NRVA 15 / NRVA 20	¾	10	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2010
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2011
NRVA 15 / NRVA 20	¾	10	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1005
NRVA 15 / NRVA 20	½	15	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1006
NRVA 15 / NRVA 20	-	16	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1116
NRVA 15 / NRVA 20	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1122
NRVA 15 / NRVA 20	⅝	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1117
NRVA 15 / NRVA 20	⅞	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1123

Flange version 4

NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N1026
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N1033
NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	027N2023
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	027N2024
NRVA 25 / NRVA 32	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2012
NRVA 25 / NRVA 32	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2013
NRVA 25 / NRVA 32	1¼	32	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2016
NRVA 25 / NRVA 32	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Square	027G1007

Flange version 6

NRVA 40 / NRVA 50	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N1042
NRVA 40 / NRVA 50	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N1051
NRVA 40 / NRVA 50	1½	40	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	027N2025
NRVA 40 / NRVA 50	2	50	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Square	027N2026
NRVA 40 / NRVA 50	2⅞	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 8

NRVA 65	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Round	027N1055
NRVA 65	2½	65	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Round	027N2027

Flange version 1: Each code no. includes one flange and one flange gasket.

Flange version 1.2: Each code no. includes two flanges, two flange gaskets, two staybolts (M12 × 135 mm / M12 × 127 mm) and four nuts (M12).

Flange version 1.3: Each code no. includes two flanges.

Flange version 4: Each code no. includes two flanges.

Flange version 6: Each code no. includes two flanges.

Flange version 8: Each code no. includes two flanges.

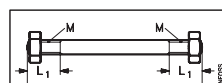
Data sheet – Spare parts and accessories

Flanges for NRVA Check valves (continued)

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
1 + 1.2 + 1.3	22 x 32 x 1.0	0.866 x 1.260 x 0.039	40	020-2133
4	42.5 x 57.5 x 1.5	1.673 x 2.264 x 0.059	40	027F2176
6	60.5 x 75.5 x 1.5	2.382 x 2.972 x 0.059	40	027F2178
8	94 x 110 x 2	3.701 x 4.331 x 0.079	40	020-2136

Set of staybolts and gaskets for flanges



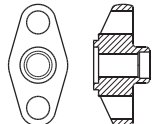
Set of staybolts and gaskets for	Material	Thread [M]	L ₁ [mm]	L ₁ [in.]	L [mm]	L [in.]	Staybolts qty	Nuts qty	Gaskets qty	Code no.
NRVA 15 / NRVA 20	Steel	M 12	19	0.748	115	4.527	2	4	3	006-1107
NRVA 25 / NRVA 32	Steel	M 12	12	0.472	148	5.827	4	8	2	006-1135
NRVA 40 / NRVA 50	Steel	M 12	22	0.866	167	6.575	4	8	2	006-1137
NRVA 65	Steel	M 16	25	0.984	200	7.874	8	16	2	006-1138

Data sheet – Spare parts and accessories

Flanges for NRVS Check valves

	For product	Connection size		Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.]	[mm]							

Tongue (oval):



Standard + Special flange ¹⁾

NRVS 15	¾	20	Steel	Set	Groove/Tongue	EN 10220	Butt welding	Oval	027N1255
NRVS 25	1	25	Steel	Set	Groove/Tongue	EN 10220	Butt welding	Oval	027N1254

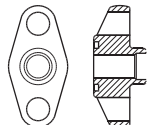
Standard + Special flange ²⁾

NRVS 15	¾	20	Steel	Set	Groove/Groove	EN 10220	Butt welding	Oval	027N1256
NRVS 25	1	25	Steel	Set	Groove/Groove	EN 10220	Butt welding	Oval	027N1257

¹⁾ Each code no. includes one standard flange and one special flange, one gasket and 2 bolts.

²⁾ Each code no. includes One standard flange and one special flange, two gasket, 2 bolts and 2 nuts.

Groove (oval):

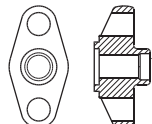


Data sheet – Spare parts and accessories

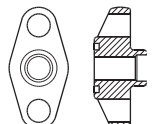
Flanges for PMFL Liquid level regulating valves

	For product	Connection size	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
		[in.] [mm]							

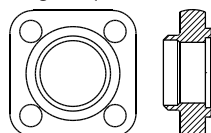
Tongue (oval):



Groove (oval):



Tongue (Square):



Flange version 3

PMFL 80	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
PMFL 80	3/4	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
PMFL 80	3/4	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
PMFL 80	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
PMFL 80	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
PMFL 80	3/4	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
PMFL 80	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
PMFL 80	1 1/4	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
PMFL 80	3/4	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
PMFL 80	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
PMFL 80	3/4	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
PMFL 80	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
PMFL 80	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
PMFL 80	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
PMFL 80	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
PMFL 80	1 1/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 10

PMFL 125	1 1/2	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
PMFL 125	1 1/4	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
PMFL 125	1 1/2	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
PMFL 125	1 3/8	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335

Flange version 11

PMFL 200	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
PMFL 200	1 1/2	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
PMFL 200	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
PMFL 200	1 1/2	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
PMFL 200	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
PMFL 200	1 5/8	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441

Flange version 12

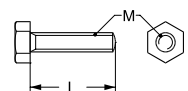
PMFL 300	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
PMFL 300	2 1/2	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
PMFL 300	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
PMFL 300	2 1/8	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 3, 10, 11, 12: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 x 57.5 x 1.5	1.673 x 2.264 x 0.059	40	027F2176
11	51 x 65 x 1.5	2.008 x 2.559 x 0.059	40	027F2177
12	60.5 x 75.5 x 1.5	2.382 x 2.972 x 0.059	40	027F2178

Bolts and nuts for flange connections



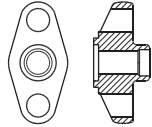
Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PMFL 80	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	027F2220	-
PMFL 125	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
PMFL 300	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
PMFL 80 / PMFL 125 / PMFL 200	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	
PMFL 300	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	006-1146

Data sheet – Spare parts and accessories

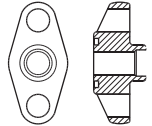
Flanges for PMFH Liquid level regulating valves

	For product	Connection size [in.] [mm]	Material	Flange type	Design	Connection standard	Connection type	Shape	Code no.
--	-------------	-------------------------------	----------	-------------	--------	---------------------	-----------------	-------	----------

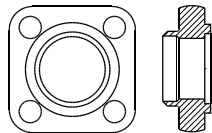
Tongue (oval):



Groove (oval):



Tongue (Square):



Flange version 3

PMFH 80	1	25	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3014
PMFH 80	¾	20	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	192H3045
PMFH 80	¾	20	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1220
PMFH 80	1	25	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1225
PMFH 80	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Oval	027N1230
PMFH 80	¾	20	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3031
PMFH 80	1	25	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3032
PMFH 80	1¼	32	Steel	Set	Tongue/tongue	ASME B 36.10M	Butt welding	Oval	027N3033
PMFH 80	¾	20	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2001
PMFH 80	1	25	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Oval	027N2002
PMFH 80	¾	20	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1001
PMFH 80	1	25	Steel	Set	Tongue/tongue	ANSI/ASME B1.20.1	FPT inside thread, NPT	Oval	027G1002
PMFH 80	-	22	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1222
PMFH 80	-	28	Brass	Set	Tongue/tongue	EN 1254	Soldering	Oval	027L1228
PMFH 80	7/8	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1223
PMFH 80	1½	-	Brass	Set	Tongue/tongue	ASME B 16.22	Soldering	Oval	027L1229

Flange version 10

PMFH 125	1½	40	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3016
PMFH 125	1¼	32	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2332
PMFH 125	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2340
PMFH 125	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2335

Flange version 11

PMFH 200	2	50	Stainless steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	192H3018
PMFH 200	1½	40	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2440
PMFH 200	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2450
PMFH 200	1½	40	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2004
PMFH 200	-	42	Steel	Set	Tongue/tongue	EN 1254	Soldering	Square	027L2442
PMFH 200	1¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2441

Flange version 12

PMFH 300	2	50	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2550
PMFH 300	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2565
PMFH 300	2	50	Steel	Set	Tongue/tongue	ASME B 16.11	Socket welding	Square	027N2005
PMFH 300	2½	54	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2554

Flange version 13

PMFH 500	2½	65	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2665
PMFH 500	3	80	Steel	Set	Tongue/tongue	EN 10220	Butt welding	Square	027N2680
PMFH 500	-	76	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2666
PMFH 500	2¾	-	Steel	Set	Tongue/tongue	ASME B 16.22	Soldering	Square	027L2676

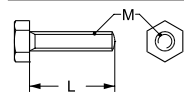
Flange version 3, 10, 11, 12, 13: Each code no. includes two flanges.

Flange gaskets

For flange version	Gasket dimensions ID x OD x h [mm]	Gasket dimensions ID x OD x h [in.]	Multipack qty	Code no.
10	42.5 x 57.5 x 1.5	1.673 x 2.264 x 0.059	40	027F2176
11	51 x 65 x 1.5	2.008 x 2.559 x 0.059	40	027F2177
12	60.5 x 75.5 x 1.5	2.382 x 2.972 x 0.059	40	027F2178

Bolts and nuts for flange connections

Type	Material	Material property class	Description	M [mm]	L [mm]	L [in.]	Qty	Code no. Bolts	Code no. Nuts
PMFH 80	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	4	027F2220	-
PMFH 125 / PMFH 200	Stainless steel	Class A2/A4 to DIN 267	Bolts	M12	45	1.772	8	027F2221	-
PMFH 300	Stainless steel	Class A2/A4 to DIN 267	Bolts + nuts	M14	65	2.559	8	027F2222	-
PMFH 80 / PMFH 125 / PMFH 200	Steel	Class 8.8 to ISO 898	Bolts	M12	45	1.772	4	006-1141	-
PMFH 300	Steel	Class 8.8 to ISO 898	Bolts	M14	65	2.559	4	006-1142	006-1146
PMFH 500	Steel	Class 8.8 to ISO 898	Bolts	M14	70	2.756	4	006-1143	006-1146



Data sheet – Spare parts and accessories

Flange version 1 (1, 1.1, 1.2, 1.3)

Tongue flange:	Groove flange:
-----------------------	-----------------------

Butt welding EN 10220

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
6	¼	14	0.551	8	0.315	10	0.394	32.5	1.279	3	0.118	6	0.236
10	⅜	18	0.709	10	0.394	14	0.551	32.5	1.279	3	0.118	6	0.236
15	½	22	0.866	14	0.551	17	0.669	32.5	1.279	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	32.5	1.279	3	0.118	6	0.236

Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
6	¼	14	0.551	8	0.315	10	0.394	32.5	1.279	2	0.079	6	0.236
10	⅜	18	0.709	10	0.394	14	0.551	32.5	1.279	2	0.079	6	0.236
15	½	22	0.866	14	0.551	17	0.669	32.5	1.279	2	0.079	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	32.5	1.279	2	0.079	6	0.236

Soldering ASME B 16.22

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
-	½	17	0.669	10	0.394	12.7	0.500	29.5	1.161	3	0.118	17.5	0.689
-	⅜	21	0.827	13	0.512	15.9	0.626	29.5	1.161	3	0.118	20.5	0.807
-	⅞	27	1.063	19	0.748	22.2	0.874	29.5	1.161	3	0.118	22	0.866
-	1	30	1.181	18	0.709	25.5	1.004	29.5	1.161	3	0.118	22	0.866

Soldering ASME B 16.22

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
-	½	17	0.669	10	0.394	12.7	0.500	26.5	1.043	3	0.118	17.5	0.689
-	⅜	21	0.827	13	0.512	15.9	0.626	26.5	1.043	3	0.118	20.5	0.807
-	⅞	27	1.063	18	0.709	22.2	0.874	26.5	1.043	3	0.118	22	0.866

Butt welding ASME B 36.10M

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
10	⅜	17.1	0.673	10.7	0.421	10.7	0.421	32.5	1.280	3	0.118	6	0.236
15	½	21.3	0.839	13.9	0.547	13.9	0.547	32.5	1.280	3	0.118	6	0.236
20	¾	26.9	1.059	18.9	0.744	18.9	0.744	32.5	1.280	3	0.118	6	0.236

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
10	⅜	26	1.024	12.5	0.492	17.8	0.701	32.5	1.280	3	0.118	10	0.394
15	½	31.6	1.244	15.8	0.622	22	0.866	32.5	1.280	3	0.118	10	0.394

Data sheet – Spare parts and accessories

Flange version 1 (1.1, 1.2, 1.3) - continued

FPT inside thread, NPT (ANSI/ASME B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]
10	3/8	26	1.024	14.3	0.563	3/8 in.-18 NPT	3/8 in.-18 NPT	32.5	1.477	3	0.118
15	1/2	31.6	1.244	17.8	0.701	1/2 in.-14 NPT	1/2 in.-14 NPT	32.5	1.280	3	0.118

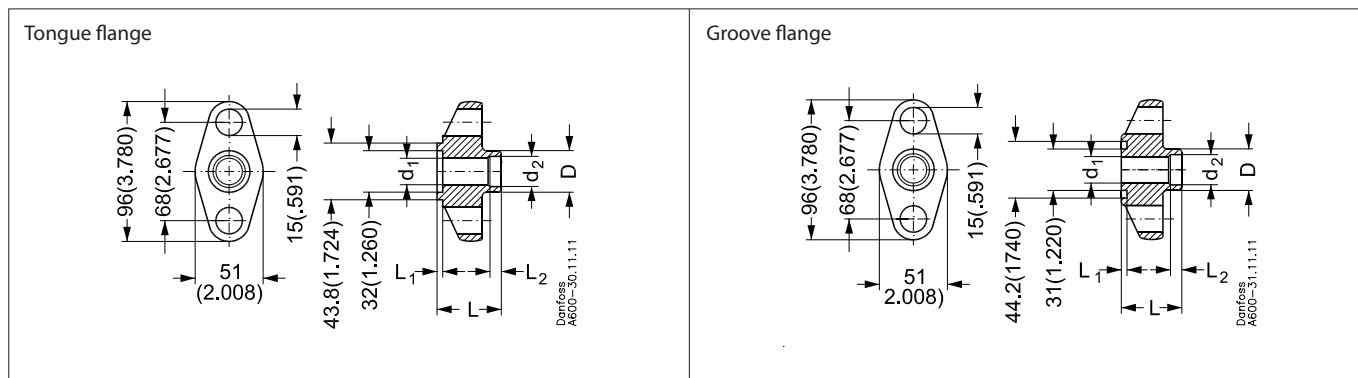
Soldering EN 1254

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
16	-	21	0.827	13	0.512	16	0.630	29.5	2.122	3	0.118	15	0.591
22	-	27	1.063	19	0.748	22.1	0.869	29.5	1.161	3	0.118	22	0.866

Data sheet – Spare parts and accessories

Flange version 2 (2.1)



Butt welding EN 10220

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
15	½	22	0.866	14	0.551	17	0.669	35	1.378	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	35	1.378	3	0.118	6	0.236
25	1	34	1.338	26	1.024	18	1.102	37.5	1.476	3	0.118	6	0.236

Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
15	½	22	0.866	14	0.551	17	0.669	34.5	1.358	3	0.118	6	0.236
20	¾	27	1.063	19	0.748	22	0.866	34.5	1.358	3	0.118	6	0.236
25	1	34	1.338	26	1.024	18	1.102	34.5	1.358	3	0.118	6	0.236

Soldering EN 1254

Tongue/groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
22	-	27	1.063	19	0.748	22	0.866	30	1.181	3	0.118	22	0.866
22	-	27	1.063	19	0.748	22	0.866	30	1.181	3	0.118	22	0.866

Soldering ASME B 16.22

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
-	1 ⅝	34	1.338	26	1.024	28.6	1.126	33	1.299	3	0.118	26	1.024

Soldering ASME B 16.22

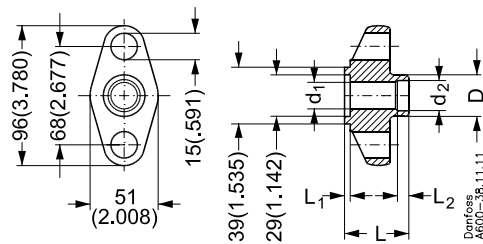
Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
-	1 ⅝	34	1.338	26	1.024	28.6	1.126	30	1.181	3	0.118	26	1.024

Data sheet – Spare parts and accessories

Flange version 3

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
20	¾	27	1.063	19	0.748	22	0.866	35	1.378	3	0.118	6	0.236
25	1	34	1.339	26	1.024	28	1.102	37.5	1.476	3	0.118	6	0.236
32	1¼	43	1.693	26	1.024	37	1.457	37.5	1.476	3	0.118	6	0.236

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
20	¾	26.9	1.059	18.9	0.744	18.9	0.744	33	1.299	3	0.118	6	0.236
25	1	33.7	1.327	24.5	0.965	24.5	0.965	37.5	1.476	3	0.118	6	0.236
32	1¼	42.4	1.669	26	1.024	32.6	1.283	37.5	1.476	3	0.118	6	0.236

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
20	¾	37.4	1.472	21	0.827	27.4	1.079	33	1.299	3	0.118	13	0.512
25	1	45.6	1.795	26.6	1.047	34.1	1.343	33	1.299	3	0.118	13	0.512

FPT inside thread, NPT, ANSI/ASME (B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]
20	¾	37.4	1.472	23	0.906	¾ in.-14 NPT	¾ in.-14 NPT	33	1.299	3	0.118
25	1	45.6	1.795	29	1.142	1 in.-11.5 NPT	1 in.-11.5 NPT	33	1.299	3	0.118

Soldering EN 1254

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
22	-	34	1.338	19	0.748	22	0.866	32	1.260	4	0.157	16.5	0.650
28	-	34	1.338	26	1.024	28	1.102	34	1.338	4	0.157	26	1.024

Soldering ASME B 16.22

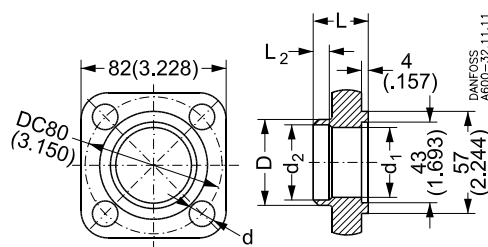
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
-	7/8	34	1.338	19	0.748	22.2	0.874	32	1.260	4	0.157	16.5	0.650
-	1½	34	1.338	26	1.024	28.6	1.126	34	1.338	4	0.157	26	1.024

Data sheet – Spare parts and accessories

Flange version 4

Tongue flange



Butt welding EN 10220

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
25	1	34	1.338	26	1.024	28	1.102	32	1.260	6	0.236	15	0.590
32	1¼	43	1.693	35	1.378	37.5	1.476	32	1.260	6	0.236	15	0.590

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
25	1	33.7	1.327	24.5	0.965	24.5	0.965	32	1.260	10	0.394	15	0.591
32	1¼	42.4	1.669	32.6	1.2834	32.6	1.283	32	1.260	10	0.394	15	0.591

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
20	¾	37.4	1.472	21	0.827	27.4	1.079	32	1.260	10	0.394	15	0.591
25	1	45.7	1.799	26.6	1.047	34.1	1.343	32	1.260	10	0.394	15	0.591
32	1¼	55.3	2.177	35	1.378	42.9	1.689	39	1.535	15	0.591	15	0.591

FPT inside thread, NPT, ANSI/ASME (B 1.20.1)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
20	¾	37.4	1.472	23	0.905	¾ in.-14 NPT	¾ in.-14 NPT	32	1.260	10	0.394		
25	1	45.6	1.795	29	1.142	1 in.-11.5 NPT	1 in.-11.5 NPT	32	1.260	10	0.394		

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
35	-	47	1.850	32	1.260	35	1.378	36.5	1.437	25	0.984	14	0.551

Soldering ASME B 16.22

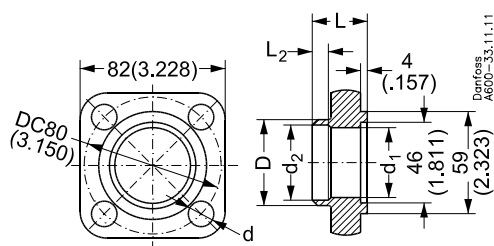
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
-	1⅝	47	1.850	32	1.260	35	1.378	36.5	1.437	25	0.984	14	0.551

Data sheet – Spare parts and accessories

Flange version 5

Tongue flange



Butt welding EN 10220

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
25	1	34	1.338	26	1.024	28	1.102	32	1.260	6	0.260	15	0.591
32	1¼	43	1.693	35	1.378	37.5	1.476	32	1.260	6	0.260	15	0.591
40	1½	49	1.929	40	1.575	43	1.693	32	1.260	7	0.275	15	0.591

Butt welding EN 10220

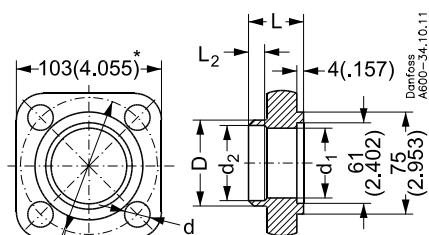
Tongue/tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
-	1⅞	37	1.457	26	1.024	28.6	1.126	32	1.260	28	1.102	15	0.591
-	1⅞	52	2.047	38	1.496	41.3	1.626	32	1.260	10	0.394	15	0.591

Data sheet – Spare parts and accessories

Flange version 6

Tongue flange



DC= 100(3.937) for weld flanges
 DC= 108(4.252) for solder flanges
 * = 105(4.134) for solder flanges

Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
40	1½	49	1.929	40	1.575	43	1.693	39	1.535	7	0.275	15	0.591
50	2	60.5	2.382	52	2.047	54	2.126	39	1.535	8	0.315	15	0.591

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]			d [mm]	d [in.]
40	1½	48.3	1.902	38.1	1.500	38.1	1.500	39	1.535			15	0.591
50	2	60.3	2.374	52.5	2.067	52.5	2.067	39	1.535			15	0.591

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
40	1½	61.9	2.437	40.8	1.606	49	1.929	39	1.535	13	0.512	15	0.591

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
54	-	64	2.520	50	1.969	54	2.130	45.5	1.791	33	1.299	16	0.630

Soldering ASME B 16.22

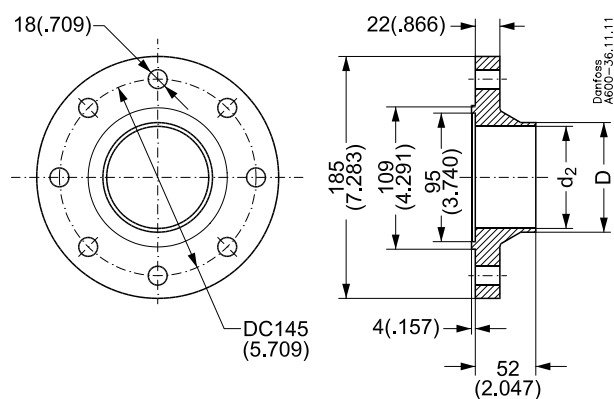
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	d [mm]	d [in.]
-	2⅞	64	2.520	50	1.969	54	2.130	45.5	1.791	33	1.299	16	0.630

Data sheet – Spare parts and accessories

Flange version 8

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₂ [mm]	d ₂ [in.]	
65	2½	76	2.992	70.3	2.768	

Butt welding ANSI (B 36.10)

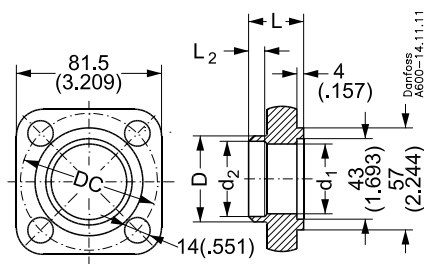
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₂ [mm]	d ₂ [in.]	
65	2½	73	2.874	62.5	2.461	

Data sheet – Spare parts and accessories

Flange version 10

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
32	1¼	43	1.693	37	1.457	37	1.457	36.5	1.437	15	0.590	80	3.150
40	1½	49	1.929	38	1.496	43	1.693	36.5	1.437	15	0.590	80	3.150

Butt welding ASME B 16.22

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]			DC [mm]	DC [in.]
32	1¼	42.4	1.669	32.6	1.283	32.6	1.283	36.5	1.437			80	3.150
40	1½	48.3	1.902	38.1	1.500	38.1	1.500	36.5	1.437			80	3.150

Socket welding ASME B 16.11

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
32	1¼	52	2.047	35	1.378	42.9	1.689	36.5	1.437	13	1.512	80	3.150

Soldering DIN (2856)

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
35	-	47	1.850	32	1.260	45	1.378	36.5	1.437	25	0.984	14	0.551

Soldering ASME B 16.22

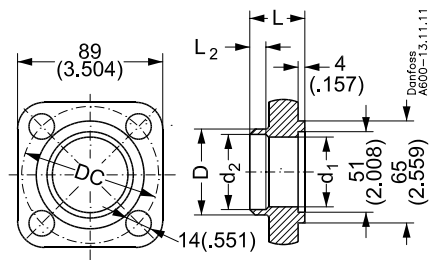
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
-	1⅜	47	1.850	32	1.260	45	1.378	36.5	1.437	25	0.984	14	0.551

Data sheet – Spare parts and accessories

Flange version 11

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	DC [mm]	DC [in.]
40	1½	49	1.929	43	1.693	43	1.693	43.5	1.712	15	0.590	90	3.543
50	2	60.5	2.382	49	1.929	54	2.126	43.5	1.712	15	0.590	90	3.543

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]			DC [mm]	DC [in.]
40	1½	48.2	1.898	38.1	1.500	38.1	1.500	43.5	1.713			90	3.543
50	2	60.3	2.374	49	1.929	49	1.929	43.5	1.713			90	3.543

Butt welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	DC [mm]	DC [in.]
40	1½	61.9	2.437	40.8	1.606	48.9	1.925	43.5	1.713	13	0.512	90	3.543

Soldering din (2856)

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	DC [mm]	DC [in.]
42	-	54	2.126	38	1.496	41	1.614	43.5	1.712	28	1.102	90	3.543

Soldering ASME B 16.22

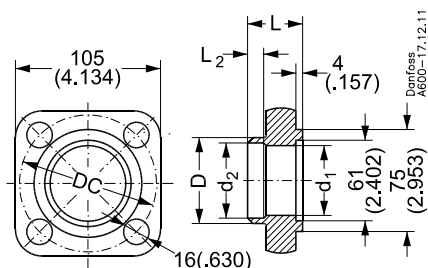
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	DC [mm]	DC [in.]
-	1⅝	54	2.126	38	1.496	41	1.614	43.5	1.712	28	1.102	90	3.543

Data sheet – Spare parts and accessories

Flange version 12

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
50	2	60.5	2.382	54	2.126	54	2.126	45.5	1.791	21	0.827	108	4.252
65	2½	76.5	3.012	59	2.323	70	2.756	45.5	1.791	21	0.827	108	4.252

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
50	2	60.3	2.374	52.5	2.067	52.5	2.067	45.5	1.791			108	4.252
65	2½	73	2.874	59	2.323	62.5	2.461	45.5	1.791	6	0.236	108	4.252

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
50	2	75.5	2.972	61	2.402	61.4	2.417	45.5	1.791	17	0.669	108	4.252

Soldering DIN (2856)

Tongue flange set:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
54	-	65	2.559	50	1.969	54.1	2.130	45.5	1.791	33	1.299	108	4.252

Soldering ASME B 16.22

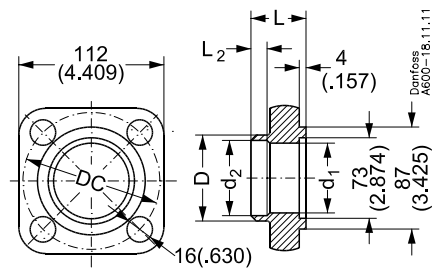
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₂ [mm]	L ₂ [in.]	DC [mm]	DC [in.]
-	2⅞	65	2.559	50	1.969	54.1	2.130	45.5	1.791	33	1.299	108	4.252

Data sheet – Spare parts and accessories

Flange version 13

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	76.5	3.012	70	2.756	70	2.756	47.5	1.870	21	0.827	118	4.646
80	3	89	3.504	71	2.795	82	3.228	47.5	1.870	21	0.827	118	4.646

Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	73	2.874	62.6	2.465	62.6	2.465	47.5	1.870	10	0.394	118	4.646
80	3	88.9	3.500	71	2.795	77.9	3.067	47.5	1.870	10	0.394	118	4.646

Socket welding ASME B 16.11

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
65	2½	91.9	3.618	64	2.520	74.2	2.921	47.5	1.870	17	0.669	118	4.646

Soldering DIN (2856)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
76	-	81	3.189	63	2.480	66.8	2.630	45.5	1.791	33	1.299	118	4.646

Soldering ASME B 16.22

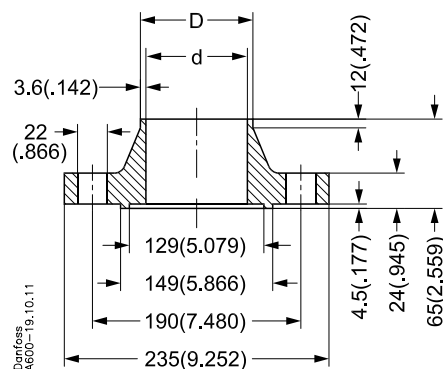
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d_1 [mm]	d_1 [in.]	d_2 [mm]	d_2 [in.]	L [mm]	L [in.]	L_2 [mm]	L_2 [in.]	DC [mm]	DC [in.]
-	2½/8	88	3.464	70	2.756	76	2.992	47.5	1.870	33	1.299	118	4.646

Data sheet – Spare parts and accessories

Flange version 14A

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
100	4	114.3	4.500	107.1	4.217	

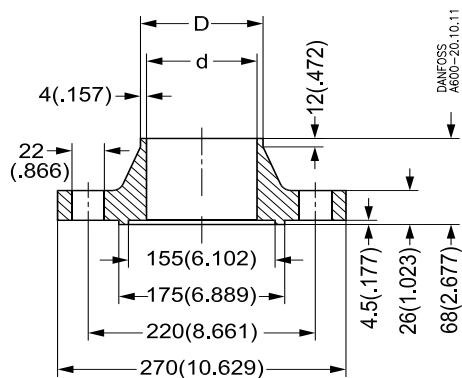
Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
100	4	114.3	4.500	102.3	4.028	

Flange version 14B

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
125	5	139.7	5.500	131.7	5.185	

Butt welding ANSI (B 36.10)

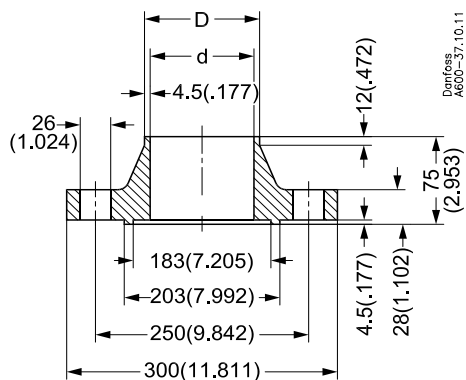
Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
125	5	141.3	5.563	128.2	5.047	

Data sheet – Spare parts and accessories

Flange version 14C

Tongue flange



Butt welding EN 10220

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
150	6	168.3	6.626	159.3	6.272	

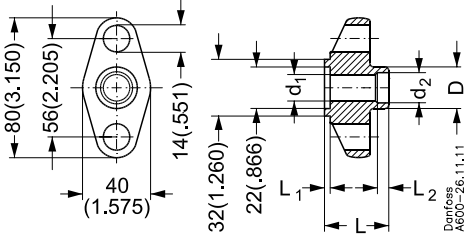
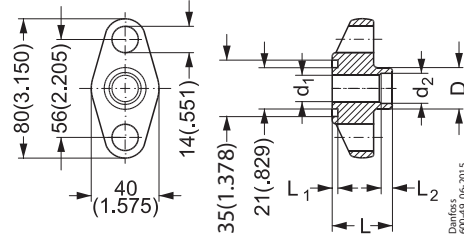
Butt welding ANSI (B 36.10)

Tongue flange sets:

Size [mm]	Size [in.]	D [mm]	D [in.]	d [mm]	d [in.]	
150	6	168.3	6.626	154.1	6.067	

Data sheet – Spare parts and accessories

Flange for NRVS

Tongue flange	Groove flange
	

Butt welding EN 10220

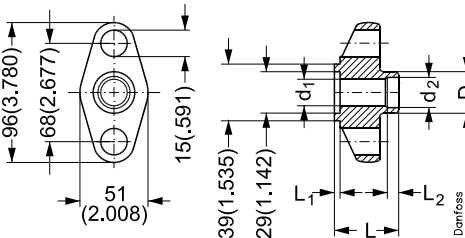
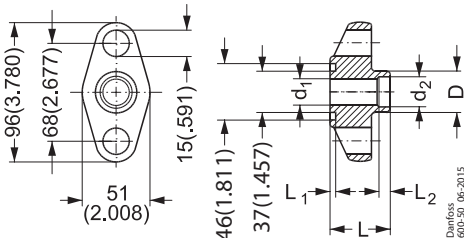
Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
20	¾	27	1.063	19	0.748	22	0.866	33	1.299	3	0.118	6	0.236

Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
20	¾	27	1.063	19	0.748	22	0.866	36	1.417	3	0.118	6	0.236

Tongue flange	Groove flange
	

Butt welding EN 10220

Tongue flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
25	1	34	1.338	26	1.024	28	1.102	38	1.496	3	0.118	6	0.236

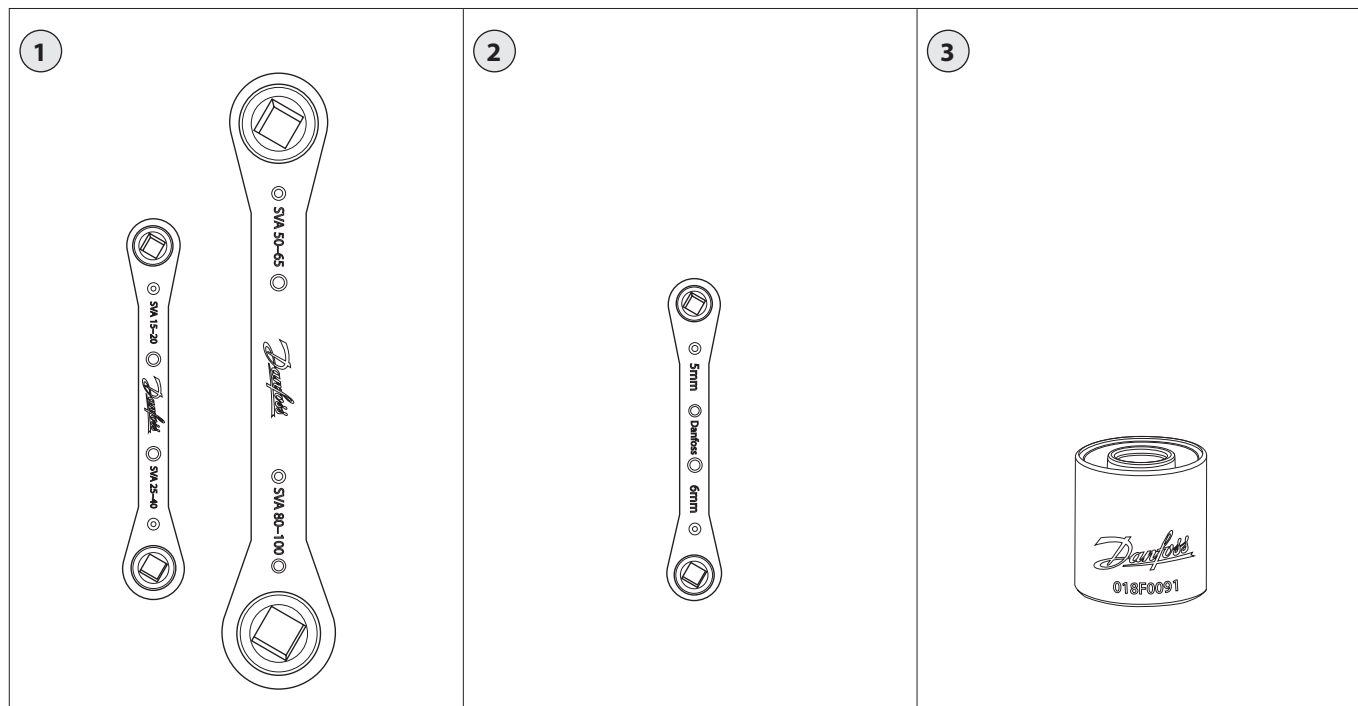
Butt welding EN 10220

Groove flanges:

Size [mm]	Size [in.]	D [mm]	D [in.]	d ₁ [mm]	d ₁ [in.]	d ₂ [mm]	d ₂ [in.]	L [mm]	L [in.]	L ₁ [mm]	L ₁ [in.]	L ₂ [mm]	L ₂ [in.]
25	1	34	1.338	26	1.024	28	1.102	38	1.496	3	0.118	6	0.236

Data sheet – Spare parts and accessories

Danfoss Hand Tools



Description	Qty.	Code no.
2 hand tools for SVA 15-100, fig. 1		
7 mm for SVA 15-20 8 mm for SVA 25-40 10 mm for SVA 50-65 14 mm for SVA 80-100	24 (multipack)	148B6573
1 hand tool for EVRA/T, ICFO, SNV, SVA 6-10, ICS/ICLX and new pilots, fig 2		
5 mm for EVRA/T + ICFO 6 mm for SNV + SVA 6-10 + ICS/ICLX + New pilots	30 (multipack)	148B6574
Permanent magnetic coil for EVRA/T, ICFO and ICS/ICLX, fig. 3		
Permanent magnetic coil	1	018F0091

Danfoss Industrial Refrigeration

A world of expertise at the click of a button

Turn to Danfoss if you want to combine quality components with expert knowhow and support. Try out these free tools, designed to make your work much easier.



DIRbuilder

DIRbuilder is designed to make selection processes for industrial refrigeration projects easier and less time-consuming. Specify the valves you need from an extensive pool of configuration options. The DIRbuilder library comprises all Danfoss Industrial Refrigeration valves. Free of charge – no software needed.



Coolselector® 2 – New calculation software for Industrial Refrigeration

Coolselector® 2 is a calculation and support tool for contractors and system designers, offering complete pressure drop calculations, analysis of pipe and valve design and the ability to generate performance reports. It replaces the well-known DIRcalc™ software and offers several new functionalities.



Danfoss IR app

The free IR App gives you a spare parts tool, which makes it easy for you to find the spare part number for a given Danfoss industrial refrigeration valve.



Download 3D CAD symbols

From our online product catalogue on our website, you can download 3D CAD symbols and illustrations to help you when designing refrigeration plants.



IR application tool

With this interactive PowerPoint slideshow, you can explore all the details of a two-stage ammonia plant. You will find detailed cut-away drawings and information on the valves in the installation along with links to videos, literature and product animations.



Application handbook

The Application Handbook is designed to help you every step of the way when working with industrial refrigeration systems. Among many other things, it contains examples of how to select control methods for different refrigeration systems, their design and which components to choose.

Visit www.danfoss.com/IR-tools and find all the tools you need.

Danfoss A/S

Climate Solutions • danfoss.com • +45 7488 2222

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product.

All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.