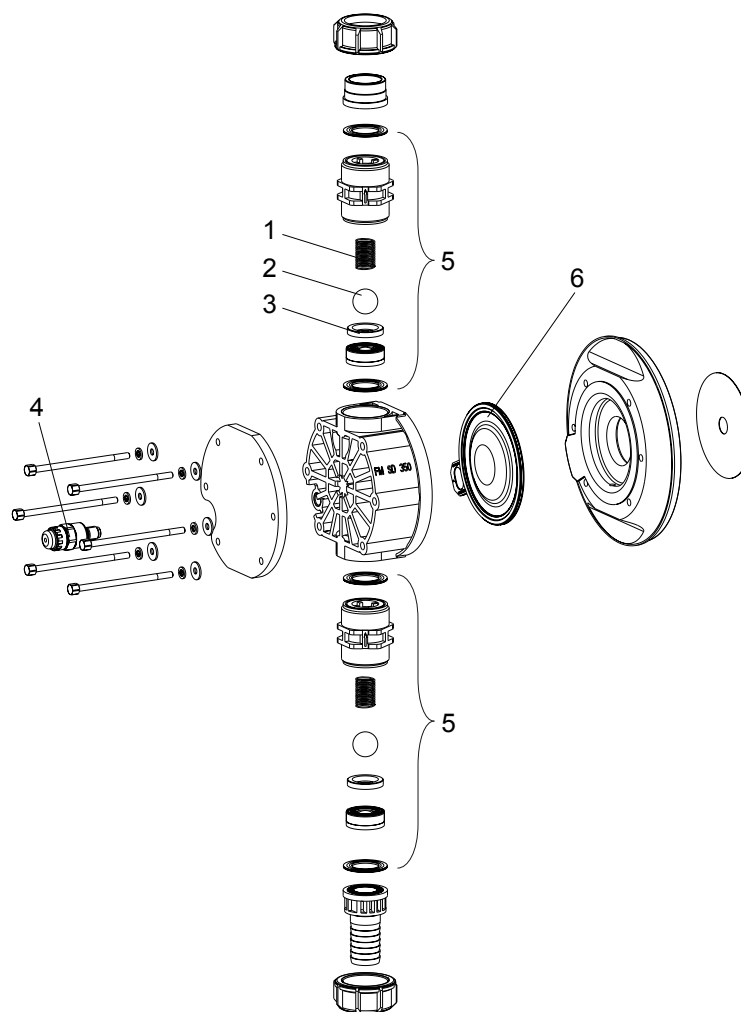


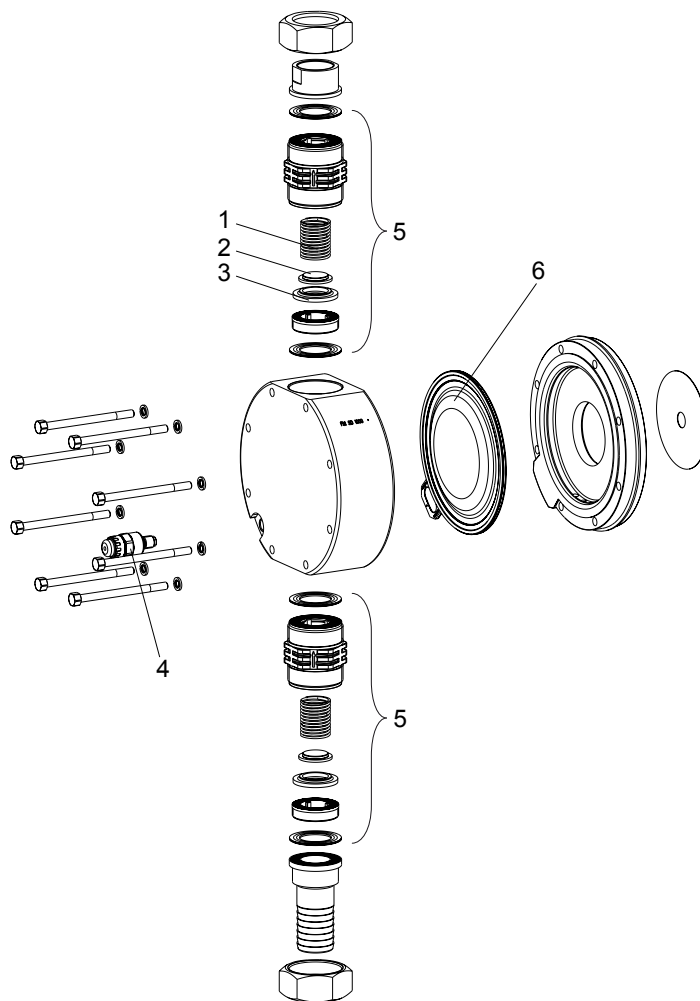
Item.	Description	Type 070410, 070580, 040830, 041030
1	Spring	*
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	1020031*
6	Multi-layer diaphragm	1029603*

* The items listed are included in the spare parts kit. Technical changes reserved.



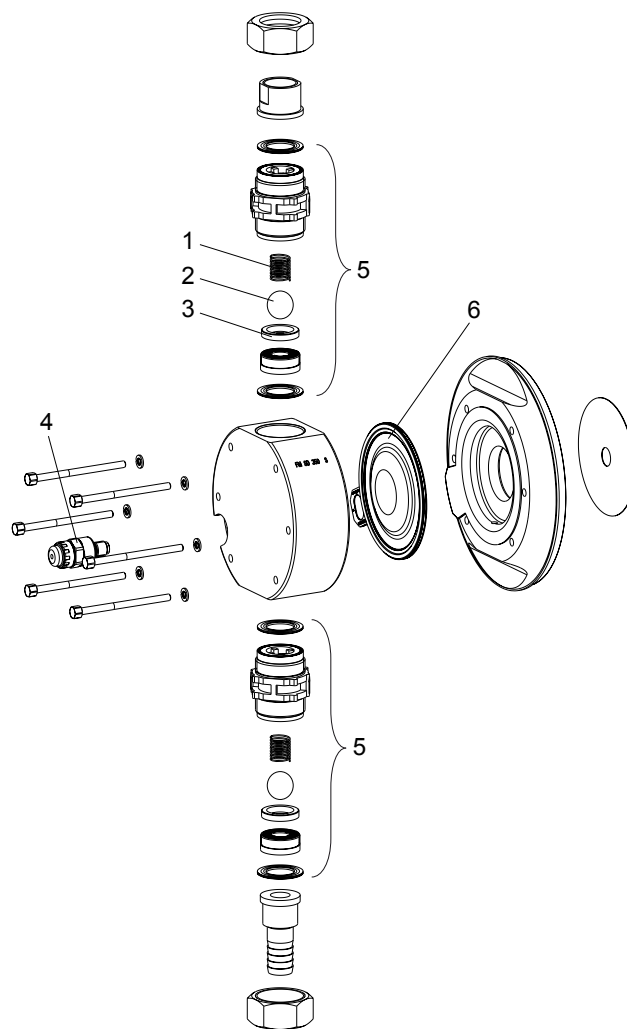
Item.	Description	Type 120145, 120190, 120270, 120330
1	Spring	**
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	740615*
6	Multi-layer diaphragm	1029604*

* The items listed are included in the spare parts kit. ** Special accessories (not included in the spare parts kit). Technical changes reserved.



Item.	Description	Type 070410, 070580, 040830, 041030
1	Spring	*
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	1002811
6	Multi-layer diaphragm	1029603*

* The items listed are included in the spare parts kit. Technical changes reserved.



Item.	Description	Type 120145, 120190, 120270, 120330
1	Spring	**
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	803708
6	Multi-layer diaphragm	1029604*

* The items listed are included in the spare parts kit. ** Special accessories (not included in the spare parts kit). Technical changes reserved.

Sigma/ 3 Diaphragm Metering Pumps

Spare parts

The replacement part kit in general includes the wear parts of the liquid ends.

Scope of delivery for material PVT

1 x metering diaphragm, 1 x suction valve compl., 1 x pressure valve compl., 2 x valve balls or valve plate with spring for DN 32, 1 x elastomer seal set (EPDM, FPM-B),

2 x ball seat bushing, 2 x ball seat washer

4 x formed composite seals

Scope of delivery for material SST

1 x metering diaphragm, 2 x valve balls or valve plate with spring for DN 32,

2 x ball seat washers,

4 x formed composite seals

Spare parts kits Sigma/ 3 for version with multilayer safety diaphragm

(for Identcode: type 120145, 120190, 120270, 120330)

Delivery unit	Materials in contact with medium	Order no.	
FM 330 - DN 25	PVT	1034678	
FM 330 - DN 25	SST	1034679	
FM 330 - DN 25	SST (with 2 valves compl.)	1034680	

(for Identcode: type 070410, 070580, 040830, 041030)

Delivery unit	Materials in contact with medium	Order no.	
FM 1000 - DN 32	PVT/PPT/PCT	1034681	
FM 1000 - DN 32	SST	1034682	
FM 1000 - DN 32	SST (with 2 valves compl.)	1034683	

Spare parts kits Sigma/ 3 for version with old standard/ double diaphragm

(Applies to identcode: Type 120145, 120190, 120270, 120330)

Delivery unit	Materials in contact with medium	Order no.	
FM 330 - DN 25	PVT	1005308	
FM 330 - DN 25	SST	1005310	
FM 330 - DN 25	SST (with 2 valve set)	1005312	

(Applies to identcode: Type 070410, 070580, 040830, 041030)

Sigma/ 3 Diaphragm Metering Pumps

Delivery unit	Materials in contact with medium	Order no.	
FM 1000 - DN 32	PVT/PPT/PCT	1020032	
FM 1000 - DN 32	SST	1005311	
FM 1000 - DN 32	SST (with 2 valve set)	1005313	

Multilayer safety diaphragm (standard)

	Order no.	
FM 330 Identcode: type 120145, 120190, 120270, 120330	1029604	
FM 1000 Identcode: type 070410, 070580, 040830, 041030	1029603	

Metering diaphragm (old version)

	Order no.	
FM 330 Identcode: Type 120145, 120190, 120270, 120330	1004604	
FM 1000 Identcode: Type 070410, 070580, 040830, 041030	1002835	

Spare parts kit for integrated overflow valve

consisting of two Hast. C compression springs and four FPM-A O-rings each

	for material	Seals	Order no.	
ETS overflow valve 4 bar	PVA/SSA	FPM-A / EPDM	1031204	
ETS overflow valve 7 bar	PVA/SSA	FPM-A / EPDM	1031205	
ETS overflow valve 10 bar	PVA	FPM-A / EPDM	1031201	
ETS overflow valve 12 bar	SSA	FPM-A / EPDM	1031202	

Gear oil

	Volume	Order no.	
	l		
Gear oil Mobilgear 634 VG 460	1	1004542	