

1 Exploded drawings Sigma/ 3

Liquid end Sigma/ 3 330 PVT

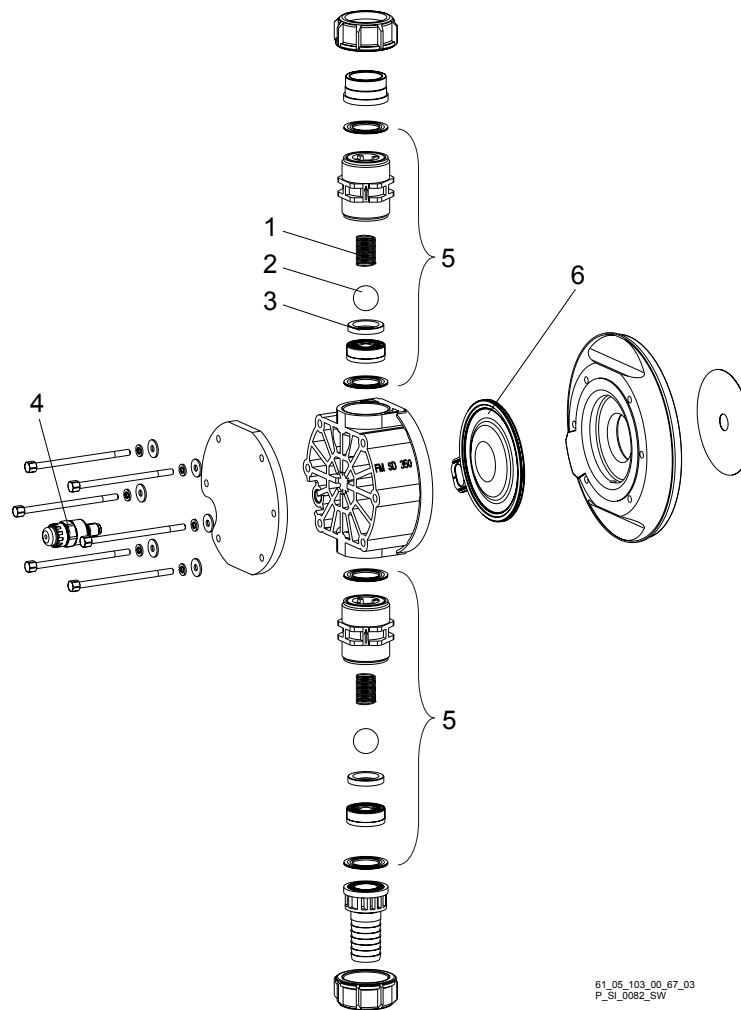


Fig. 1: Liquid end Sigma/ 3 330 PVT

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.

Liquid end Sigma/ 3 1000 PVT

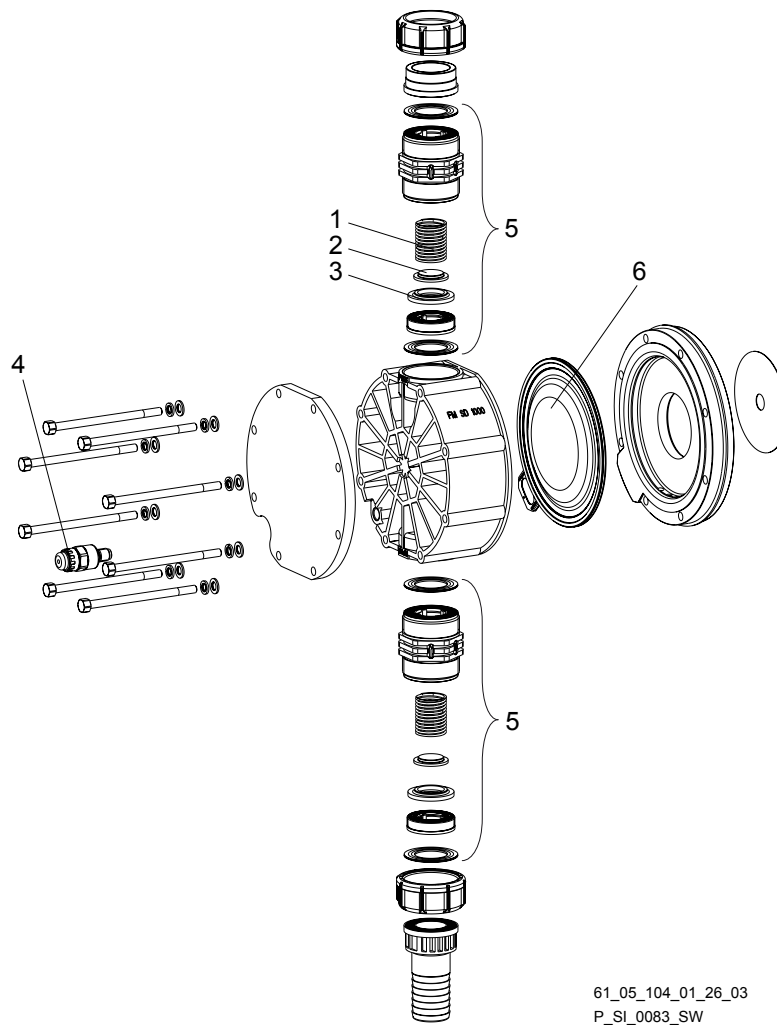


Fig. 2: Liquid end Sigma/ 3 1000 PVT

Item	Description	Type 070410, 070580, 040830, 041030
1	Spring	*
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	1002806*
6	Multi-layer diaphragm	1029603*
* The items listed are included in the spare parts kit. Technical changes reserved.		

Sigma/ 3 PVT bleed valve

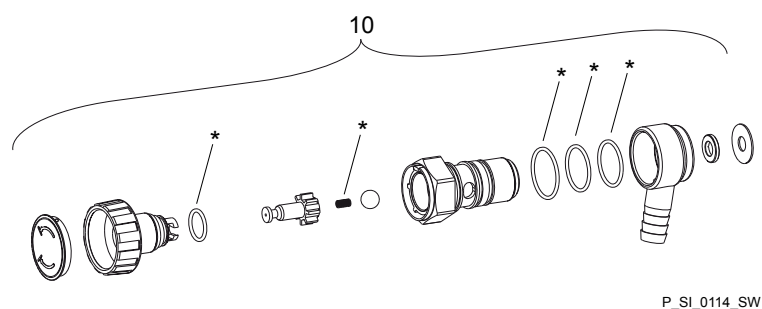


Fig. 3: Sigma/ 3 PVT bleed valve

Item	Description	Type 120145, 120190, 120270	Type 070410, 070590, 040830
10	Integrated bleed valve DN10 PVA	1041069	
10	Integrated bleed valve DN10 PVE	1041070	
10	Integrated bleed valve DN20 PVA		1041073
10	Integrated bleed valve DN20 PVE		1041074

* The items listed are included in the spare parts kit. Springs made from Hastelloy C, O-rings from FPM-A and EPDM. Technical changes reserved.

Liquid end Sigma/ 3 330 SST

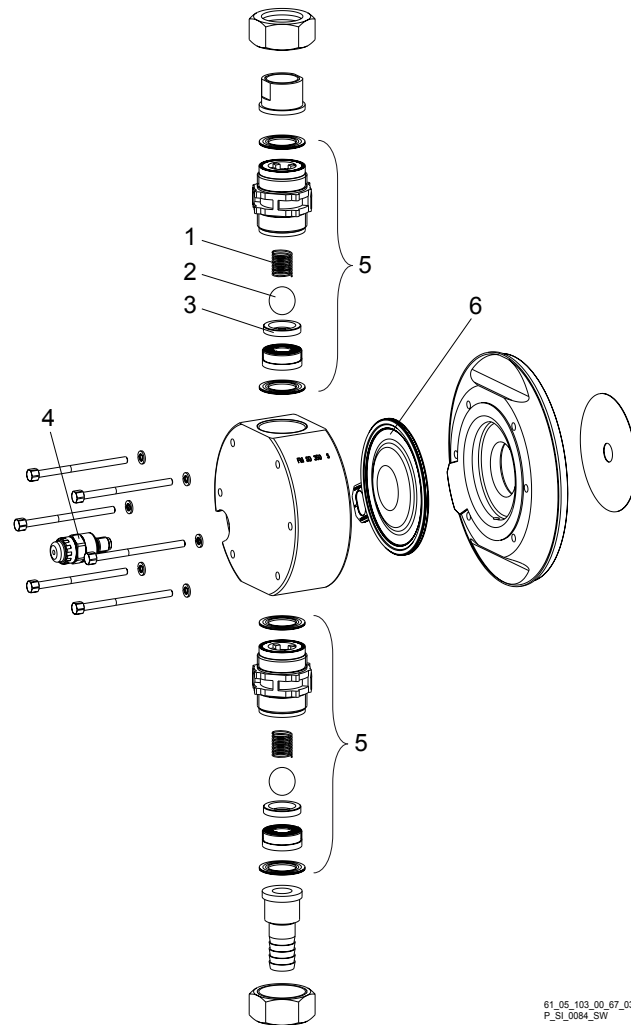


Fig. 4: Liquid end Sigma/ 3 330 SST

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.

Liquid end Sigma/ 3 1000 SST

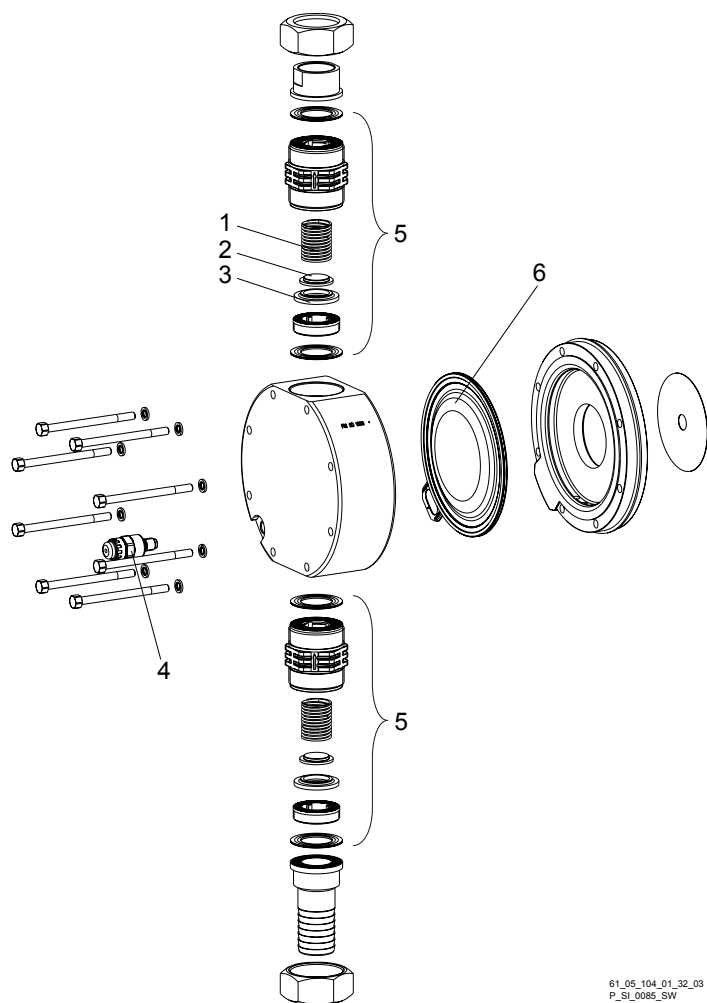


Fig. 5: Liquid end Sigma/ 3 1000 SST

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.		

Sigma/ 3 SST bleed valve

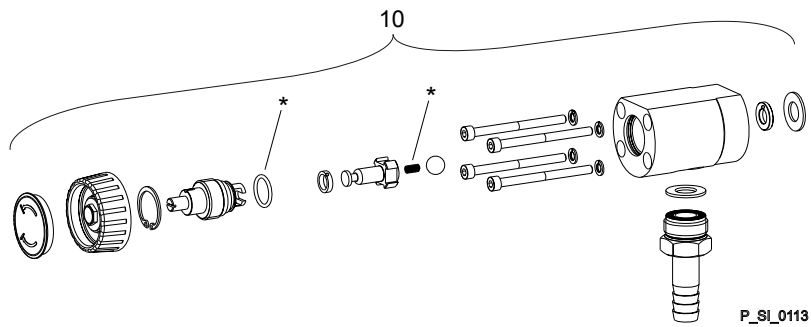


Fig. 6: Sigma/ 3 SST bleed valve

Item	Description	Type 120145, 120190, 120270	Type 070410, 070580, 040830
10	Integrated bleed valve DN10 SSA	1041071	
10	Integrated bleed valve DN10 SSE	1041072	
10	Integrated bleed valve DN20 SSA		1041075
10	Integrated bleed valve DN20 SSE		1041076

* The items listed are included in the spare parts kit. Springs made from Hastelloy C, O-rings from FPM-A and EPDM. Technical changes reserved.

1 Ordering Information

Spare parts kits normally include the wearing parts of a liquid end.



Other locations where ordering information can be found: Exploded assembly drawings, general operating instructions for ProMinent® motor-driven metering pumps and hydraulic accessories, ProMinent® product catalogue, www.prominent.com.

Spare parts kits PVT (liquid ends)

Spare parts kit	Types 120145, 120190, 120270	Types 070410, 070580, 040830
FM 330	1034678	
FM 1000		1034681

Scope of supply: see exploded view drawings.

Spare parts kits SST (liquid ends)

Spare parts kit	Types 120145, 120190, 120270	Types 070410, 070580, 040830
FM 330	1034679	
FM 330 with 2 complete valves	1034680	
FM 1000		1034682
FM 1000 with 2 complete valves		1034683

Scope of supply: see exploded view drawings.

Spare parts kits for integrated bleed valve

Spare parts kit	for material version	Seals	Part no.
ETS EV	PVT/SST	FPM-A and EPDM	1043785

Scope of supply: see exploded view drawings.

HMI spare parts

Spare part	Part no.
HMI wall bracket	1036683
HMI protective film	1036724