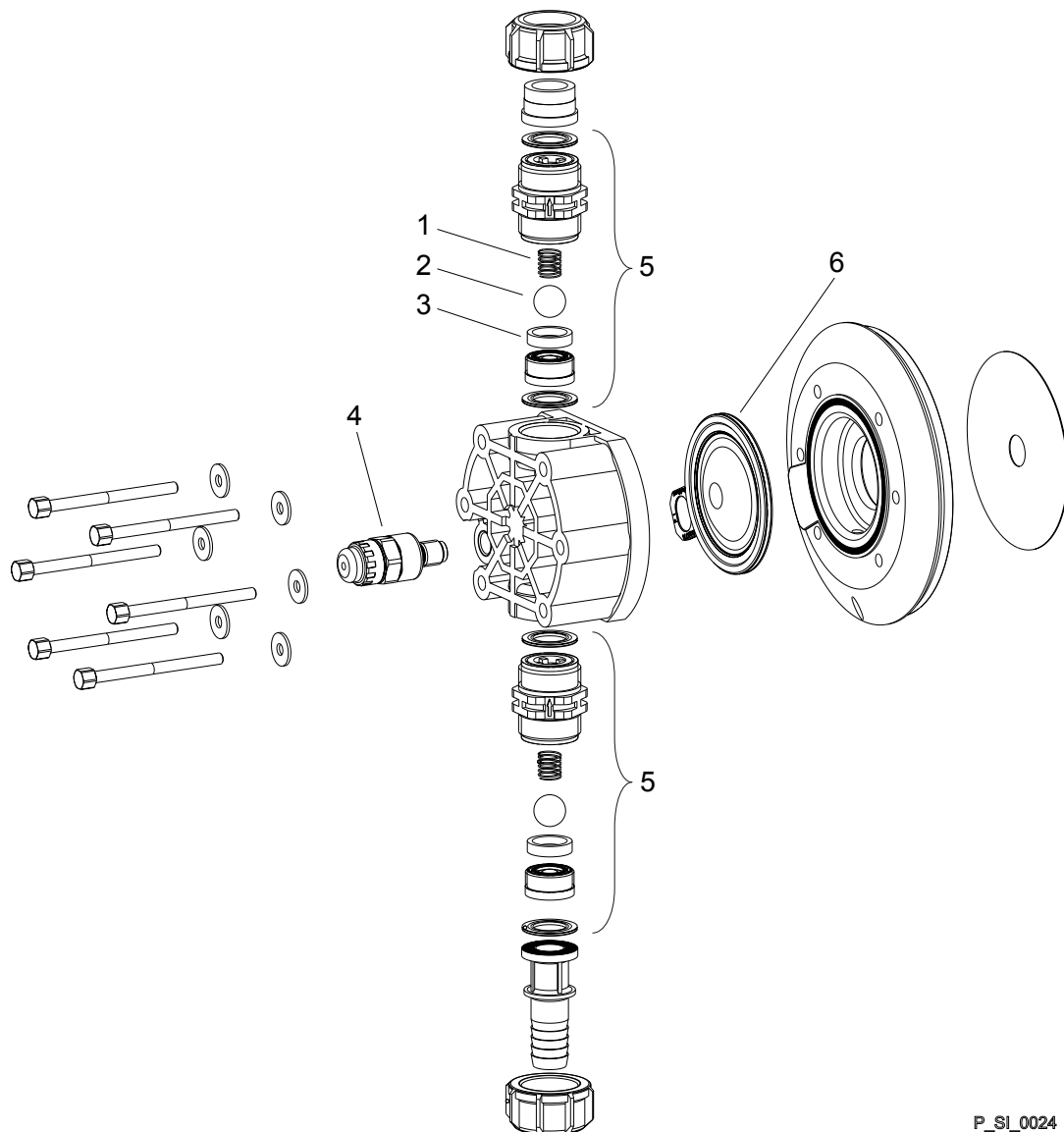


1 Exploded drawings Sigma/ 1

Liquid end Sigma/ 1 050 and 065 PVT



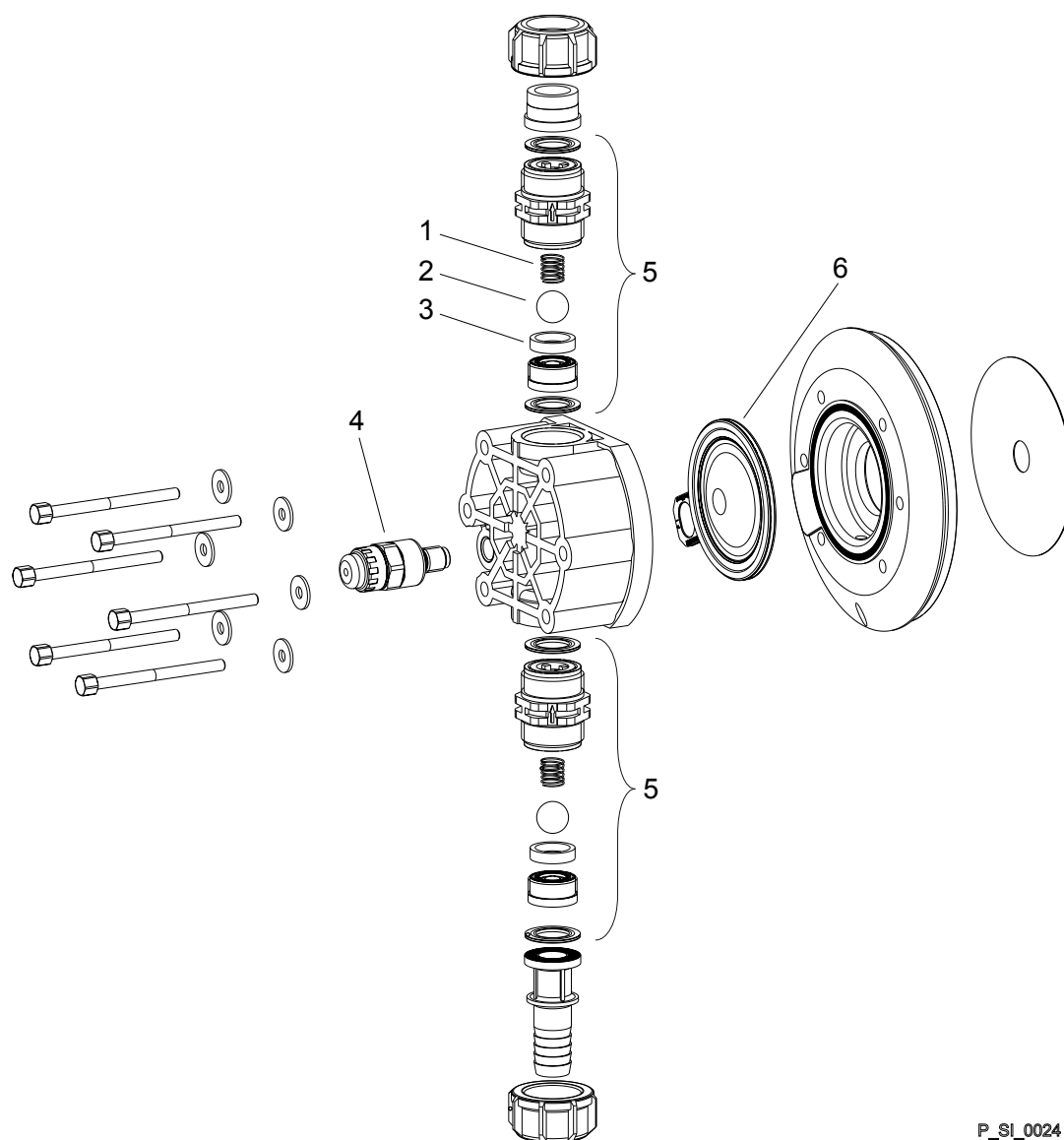
P_SI_0024

Fig. 1: Liquid end Sigma/ 1 050 and 065 PVT

Item	Description	Type 12035, 12017, 10050	Type 07065, 10044, 10022
1	Spring	**	**
2	Ball	*	*
3	Ball seat	*	*
4	Diaphragm rupture sensor, visual	1033323	1033323
5	Valve	1002267*	1002267*
6	Multi-layer diaphragm	1030114*	1030115*

* 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/ 1 120 PVT



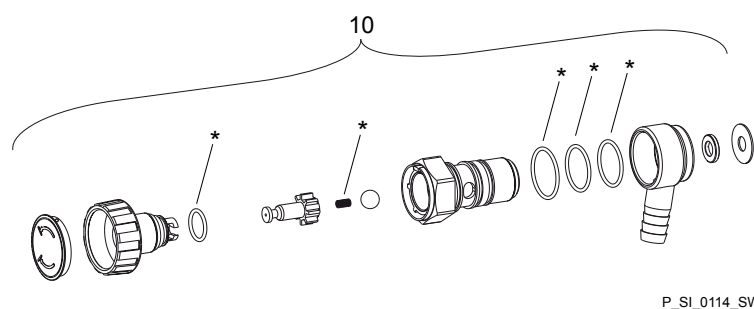
P_SI_0024

Fig. 2: Liquid end Sigma/ 1 120 PVT

Item	Description	Type 04084, 04120, 07042
1	Spring	**
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	792517*
6	Multi-layer diaphragm	1035828*

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

Sigma/ 1 PVT bleed valve



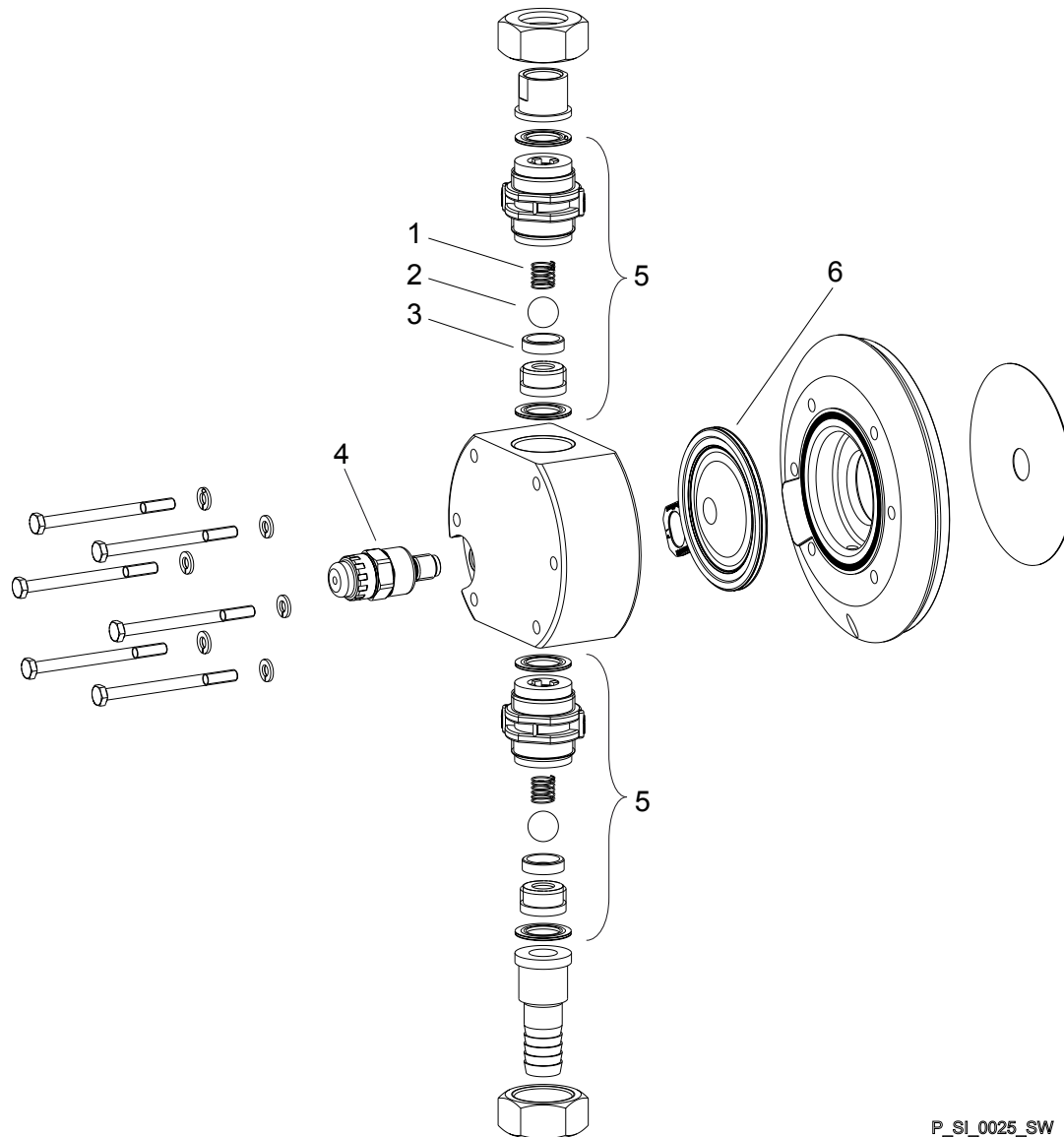
P_SI_0114_SW

Fig. 3: Sigma/ 1 PVT bleed valve

Item	Description	Part no.
10	Integrated bleed valve, complete, DN10 PVA	1041067
10	Integrated bleed valve, complete, DN10 PVE	1041068

* 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/ 1 050 and 065 SST



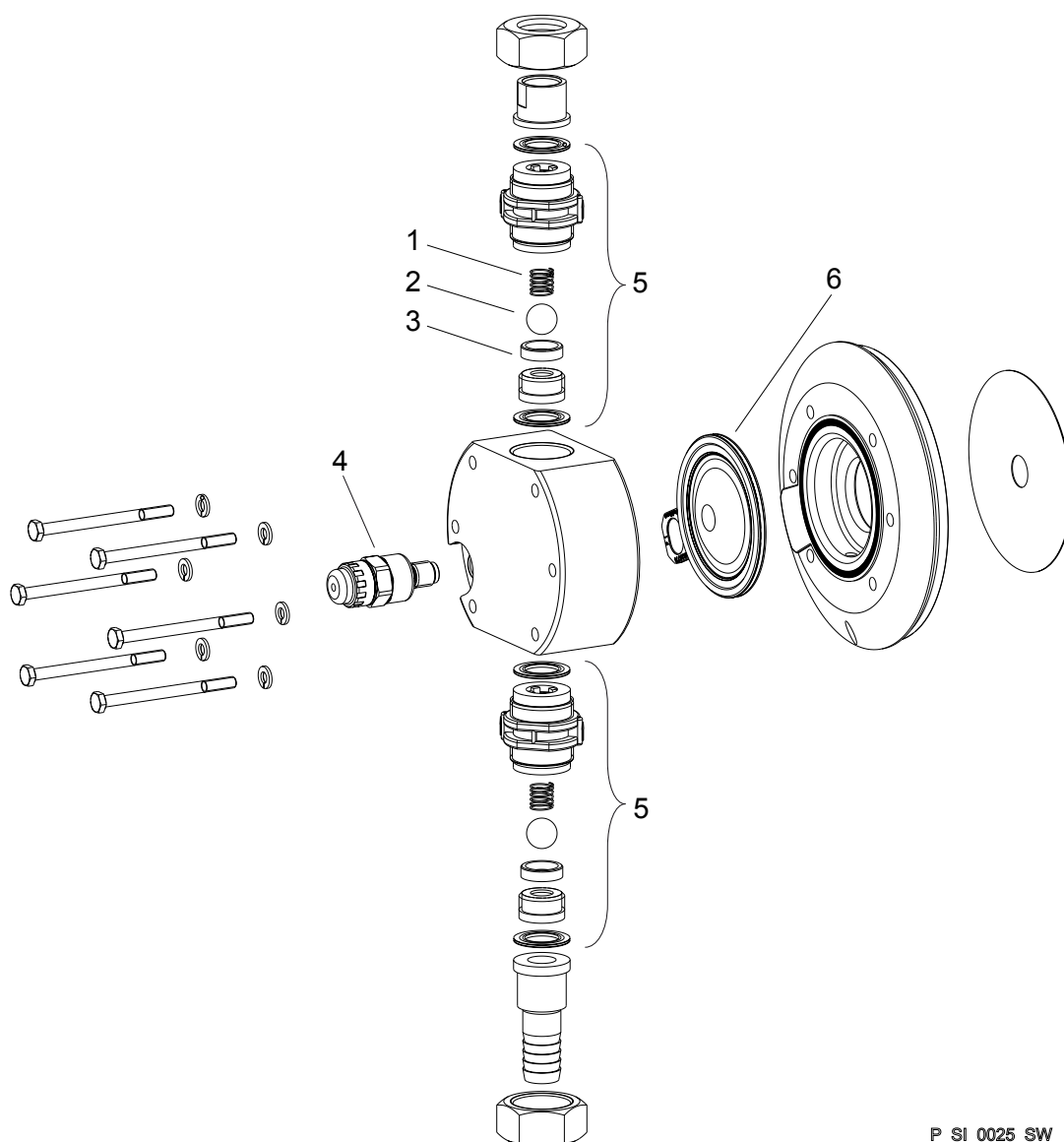
P_SI_0025_SW

Fig. 4: Liquid end Sigma/ 1 050 and 065 SST

Item	Description	Type 12035, 12017, 10050	Type 07065, 10044, 10022
1	Spring	**	**
2	Ball	*	*
3	Ball seat	*	*
4	Diaphragm rupture sensor, visual	1033323	1033323
5	Valve	809459	809459
6	Multi-layer diaphragm	1030114*	1030115*

* 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/ 1 120 SST



P_SI_0025_SW

Fig. 5: Liquid end Sigma/ 1 120 SST

Item	Description	Type 04084, 04120, 07042
1	Spring	**
2	Ball	*
3	Ball seat	*
4	Diaphragm rupture sensor, visual	1033323
5	Valve	809404
6	Multi-layer diaphragm	1035828*

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

Sigma/ 1 SST bleed valve

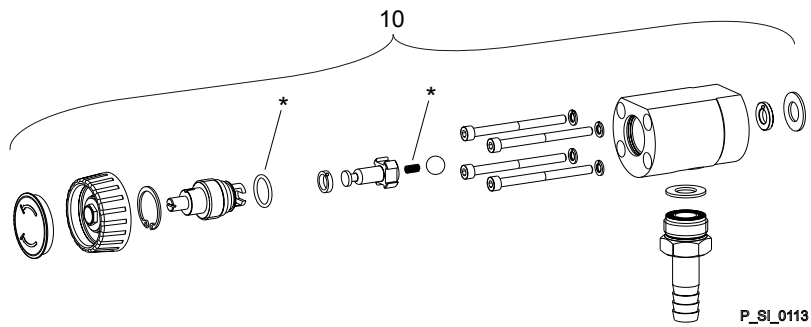


Fig. 6: Sigma/ 1 SST bleed valve

Item	Description	Part no.
10	Integrated bleed valve, complete, DN10 SSA	1041071
10	Integrated bleed valve, complete, DN10 SSE	1041072

* 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 12017, 12035, 10050	Types 10022, 10044, 07065	Types 07042, 04084, 04120
FM 50 - DN 10	1035964		
FM 65 - DN 10		1035967	
FM 120 - DN 15			1035961

Scope of supply: see exploded view drawings.

Spare parts kits SST (liquid ends)

Spare parts kit	Types 12017, 12035, 10050	Types 10022, 10044, 07065	Types 07042, 04084, 04120
FM 50 - DN 10	1035966		
FM 50 with 2 complete valves	1035965		
FM 65 - DN 10		1035969	
FM 65 with 2 complete valves		1035968	
FM 120 - DN 15			1035963
FM 120 with 2 complete valves			1035962

Scope of supply: see exploded view drawings.

Spare parts kits for integrated bleed valve

Spare parts kit	for material ver- sion	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