

Technical Data

Type	Capacity at max. back pressure			Max. stroke rate	Pump capacity at max. back pressure		Suction lift	Perm. pre-pressure suction side	Connector Suction/Discharge Side	Shipping weight
S1Cb	l/h	bar	ml/stroke	Strokes/min	gph (US)	psi	m WC	bar	G-DN	kg
12017 PVT	21	10	3.8	90	5.5	145	7	1	3/4–10	9
12017 SST	21	12	3.8	90	5.5	174	7	1	3/4–10	12
12035 PVT	42	10	4.0	170	11.1	145	7	1	3/4–10	9
12035 SST	42	12	4.0	170	11.1	174	7	1	3/4–10	12
10050 PVT	49	10	4.0	200	12.9	145	7	1	3/4–10	9
10050 SST	49	10	4.0	200	12.9	145	7	1	3/4–10	12
10022 PVT	27	10	5.0	90	7.1	145	6	1	3/4–10	9
10022 SST	27	10	5.0	90	7.1	145	6	1	3/4–10	12
10044 PVT	53	10	5.1	170	14.0	145	6	1	3/4–10	9
10044 SST	53	10	5.1	170	14.0	145	6	1	3/4–10	12
07065 PVT	63	7	5.2	200	16.6	102	6	1	3/4–10	9
07065 SST	63	7	5.2	200	16.6	102	6	1	3/4–10	12
07042 PVT	52	7	9.5	90	13.7	102	3	1	1–15	10
07042 SST	52	7	9.5	90	13.7	102	3	1	1–15	14
04084 PVT	101	4	9.7	170	26.7	58	3	1	1–15	10
04084 SST	101	4	9.7	170	26.7	58	3	1	1–15	14
04120 PVT	117	4	9.7	200	30.9	58	3	1	1–15	10
04120 SST	117	4	9.7	200	30.9	58	3	1	1–15	14

Integrated relief valve, connector for DN 10 pressure hose sleeve

Materials in Contact with the Medium

Identity code of material	Dosing head	Connection on suction/discharge side	Seals/ball seat	Balls	Integral relief valve
PVT	PVDF	PVDF	PTFE/PTFE	Ceramic	PVDF/FKM or EPDM
SST	Stainless steel 1.4404	Stainless steel 1.4581	PTFE/PTFE	Stainless steel 1.4404	Stainless steel/FKM or EPDM
PVF	PVDF	PVDF	PTFE/PTFE	Ceramic	PVDF/FKM or EPDM
SSF	Stainless steel 1.4404	Stainless steel 1.4581	PTFE/PTFE	Stainless steel 1.4404	Stainless steel/FKM or EPDM
SSG	Stainless steel 1.4404	Stainless steel 1.4581	PTFE/stainless steel 1.4404	Stainless steel 1.4404	-
SSH	Stainless steel 1.4435	Stainless steel 1.4435	EPDM or FKM/stainless steel 1.4435	Ceramic	-

Motor Data

Identity code specification		Power supply		Remarks	
U	1-phase, IP 65	100 – 230 V ±10 % / 240 V ±6 %	50/60 Hz	110 W	Wide-range voltage power unit

Motors less than 0.75 kW and motors designed for speed-controllable operation are not subject to the IE3 standard in compliance with the Ecodesign Directive 2009/125/EC.