

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/Disc	Shipping weight
	I/h	bar	ml/stroke		gph (US)	psi	m WC				
S3Cb				Strokes/min				bar		G-DN	kg
* DN32 plate valves with valve spring											
120145 PVT	182	10	33.7	90	48.0	145	5	2	1 1/2-25	22	
120145 SST	182	12	33.7	90	48.0	174	5	2	1 1/2-25	26	
120190 PVT	243	10	33.7	120	64.1	145	5	2	1 1/2-25	22	
120190 SST	243	12	33.7	120	64.1	174	5	2	1 1/2-25	26	
120270 PVT	365	10	33.8	180	96.4	145	5	2	1 1/2-25	22	
120270 SST	365	12	33.8	180	96.4	174	5	2	1 1/2-25	26	
070410 PVT	500	7	95.1	90	132.0	102	4	1	2-32 *	24	
070410 SST	500	7	95.1	90	132.0	102	4	1	2-32 *	29	
070580 PVT	670	7	95.1	120	176.9	102	4	1	2-32 *	24	
070580 SST	670	7	95.1	120	176.9	102	4	1	2-32 *	29	
040830 PVT	1,040	4	95.1	180	274.7	58	3	1	2-32 *	24	
040830 SST	1,040	4	95.1	180	274.7	58	3	1	2-32 *	29	

Materials in Contact with the Medium

		DN 25 ball valves			DN 32 plate valves					
Identity code of material	Seals	Suction / discharge connection on dosing head DN 25		Valve balls	Valve seats	Suction / discharge connection on dosing head DN 32		Valve plates/valve springs	Valve seats	Integral relief valve
PVT	PTFE	PVDF	Glass	PTFE *	PVDF	Ceramic/Hastelloy C + CTFE **	PTFE	PVDF/FKM or EPDM		
SST	PTFE	Stainless steel 1.4581	Stainless steel 1.4404	PTFE *	Stainless steel 1.4581	Stainless steel 1.4404/Hastelloy C	PTFE		Stainless steel/FKM or EPDM	
TTT ***	PTFE	PTFE + 25% carbon	Stainless steel 1.4404	PTFE *	PVDF	Ceramic/Hastelloy C + CTFE **	PTFE		-	
PVF	PTFE	PVDF	Glass	PVDF	-	-	-		-	
SSF	PTFE	Stainless steel 1.4581/1.4404	Stainless steel 1.4404	PVDF	-	-	-		-	
SSG	PTFE	Stainless steel 1.4581/1.4404	Stainless steel 1.4404	Stainless steel 1.4404	-	-	-		-	
SSH ****	EPDM or FKM	Stainless steel 1.4435	Stainless steel 1.4404	Stainless steel 1.4404	Stainless steel 1.4581	Ceramic/E-CTFE	Stainless steel 1.4404		-	

* With design 'F', the ball seat is made of PVDF, only for DN 25 ball valves

** The valve spring is coated with CTFE (resistance similar to PTFE)

*** Specifically for areas at risk from explosion

**** DN 25 and DN 32 designed as ball non-return valve

Motor Data

Identity code specification	Power supply	Remarks
U	1-phase, IP 65	100 – 230 V ±10 % / 240 V 50/60 Hz ±6 %

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.