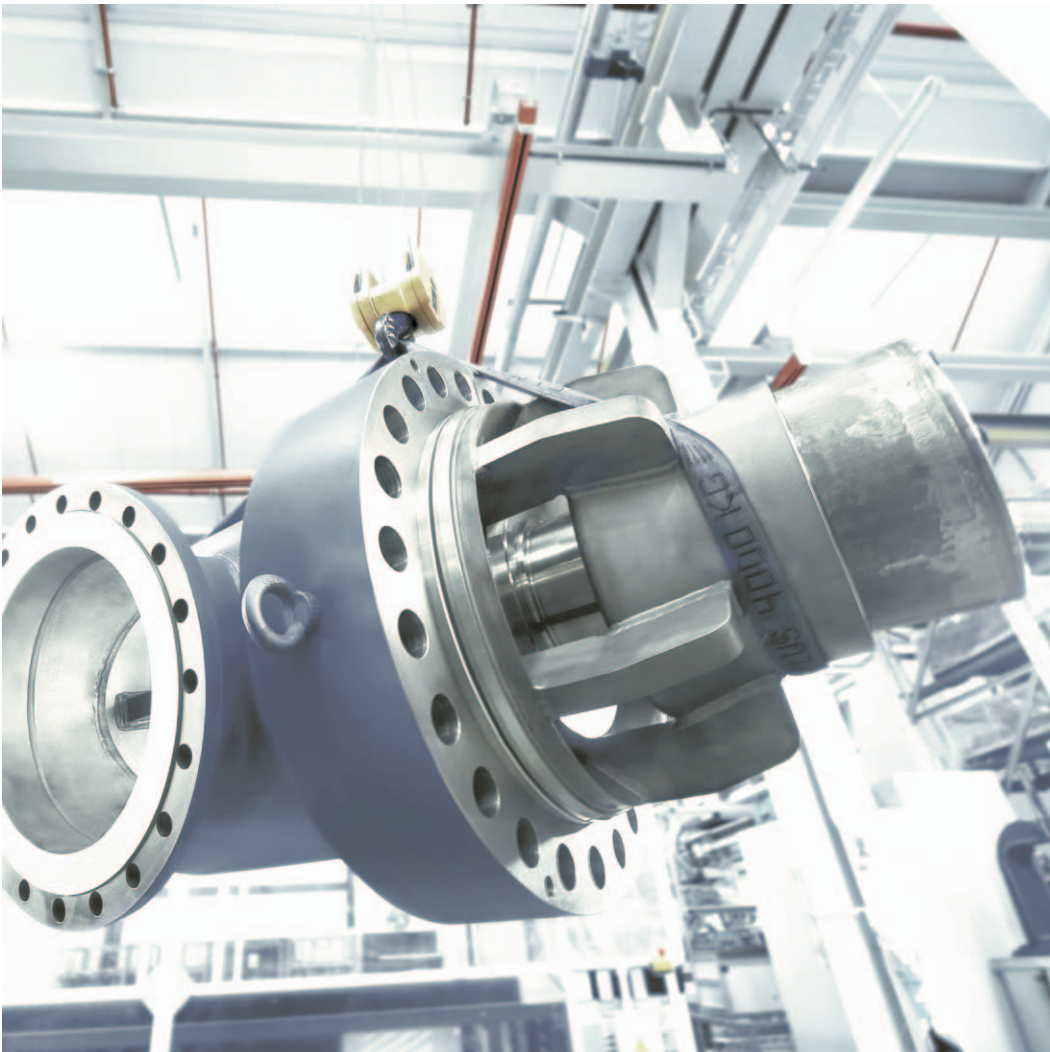


Prefill valves

Product overview



Prefill valves

Type	SF (1X)	SF (4X)	SFE	SFA	SFS	ZSF, ZSFW
						
Size	40 ... 80	125 ... 500	25 ... 100	25 ... 80	200 ... 300	32 ... 100; 160 125; 200
Component series	1X	4X	1X	1X	4X	1X 2X
Data sheet no.	20475	20482	20745	20485	20473	20478
Features	<ul style="list-style-type: none"> ▶ Pilot operated ▶ Complete valve (lift cylinder, housing and check valve) for direct attachment to the working cylinder ▶ As check valve for use as anti-cavitation valve 	<ul style="list-style-type: none"> ▶ Pilot operated ▶ Reduced switching noises due to damping measures ▶ Rotatable low-pressure connection (housing) 	<ul style="list-style-type: none"> ▶ Pilot operated 	<ul style="list-style-type: none"> ▶ Pilot operated 	<ul style="list-style-type: none"> ▶ Hydraulically activated check valve ▶ Reduced switching noises due to end position cushioning effective on both sides ▶ Optimized switching time characteristics 	<ul style="list-style-type: none"> ▶ Pilot operated ▶ Integrated throttle check valve (size 200)
Maximum flow in l/min	1216	50000	2000	1200	15600	7000
Maximum operating pressure in bar	315	350 ¹⁾	350	350	350	350
With pre-decompression	✓	✓	–	✓	–	✓
Without pre-decompression	✓	✓	✓	✓	✓	✓
High-pressure connection	–	–	–	✓	–	✓
Flange connection	✓	✓	–	✓ ¹⁾	✓	✓
Threaded connection	–	–	–	✓ ²⁾	–	–
Cylinder installation	✓	–	✓	–	–	–
Cartridge valve	✓	–	✓	–	–	–
Sandwich plate	–	–	–	–	–	✓
Tank installation	✓	✓	–	–	✓	–
Inductive position switch	–	✓	–	–	✓	–
Actively switchable	–	–	–	–	✓	–
Comments		¹⁾ Size 150 and 250: 420 bar (version "SO102") Size 300: 500 bar (version "SO104")	Size 25 and 32 with logic control cover type LFA . D-7X... combinable	¹⁾ Except for size 25 and 32 ²⁾ Only size 25 and 32	Position monitoring "open" and/or "closed" upon request	– Control open spool with separate T port (Version "SO1") – Optimized switching time characteristics (size 160; version "SO12") – Directional valve can be directly attached (type ZSFW)

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