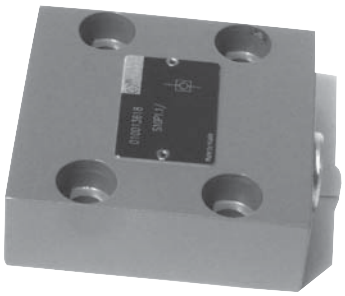
BEIJING HUADE HYDRAULIC INDUSTRIAL GROUP CO.,LTD.	Check valve type S...P...1B/			RE20100/12.2004
	Sizes 10 20 30	up to 31.5 MPa	up to 400 L/min	

Features:

-Leakage-free closure in one direction

-5 cracking pressure

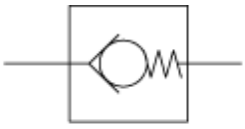
-Subplate mouting

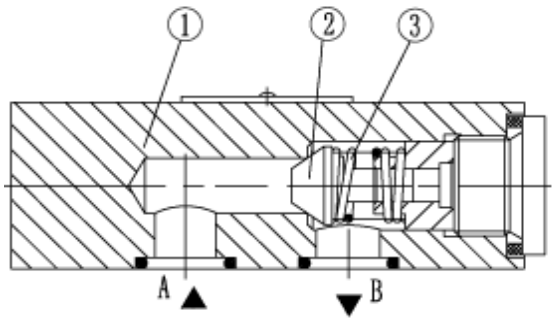


Function,section,symbol

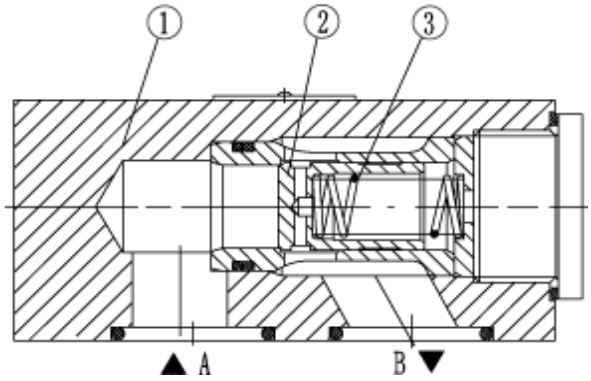
The check valve type S has the task of, preferably closing a flow leakfree in one direction and to permit free flow in the opposite direction.It basically comprises of the housing (1), poppet (2) and the compression spring (3).

The stroke of the poppet (2), which is guided on its outside diameter,is limited by a mechanical stop. The built-in compression spring (3)supports the closing movement. Furthermore the compression spring (3) holds the poppet (2) in the closed position even when there is no flow through the valve.

symbol 

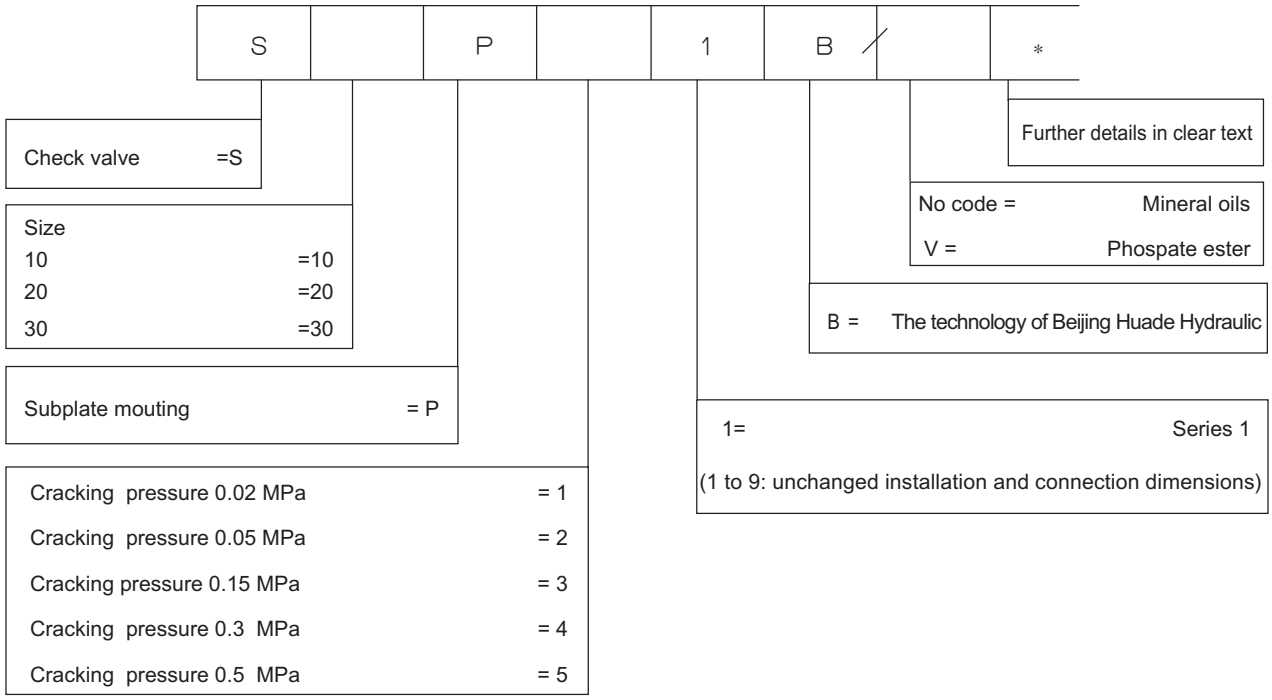


Type S10P



Type S20、30 P

Ordering details

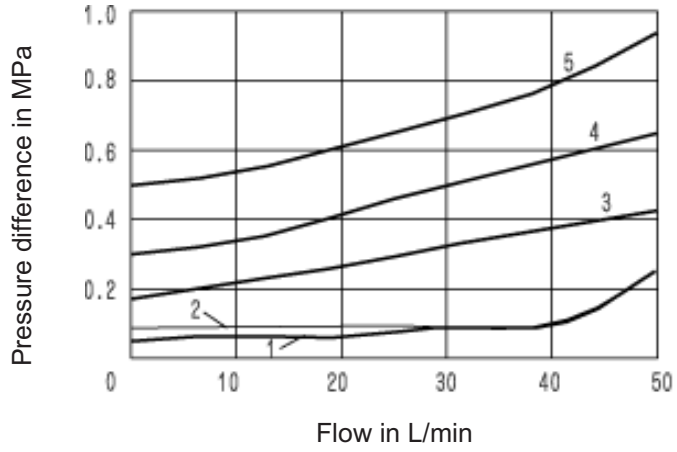


Technical data

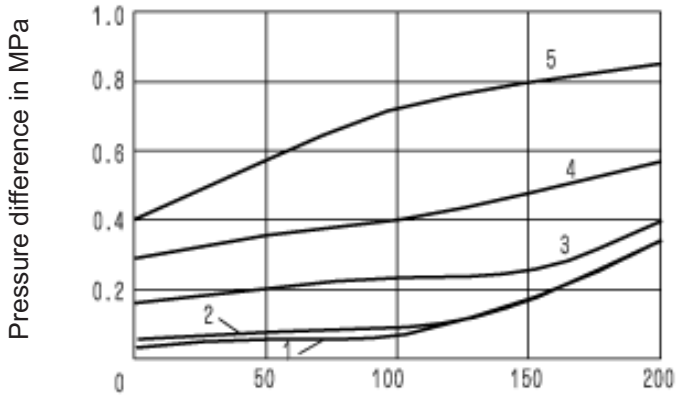
Operating fliud		mineral oils or phospate ester
Operating pressure	(MPa)	31.5
Viscosity range	(mm^2/s)	2.8～500
Maximum flow	(L/min)	See curves
Cracking pressure	(MPa)	
Pressure fluid - temperature range	(℃)	-30～+80
Degree of contamination		maximum permissible degree of contamination of the pressure fluid is to NAS 1638 class 9. We, therefore, recommend a filter with a minimum retention rate of $\beta_{10} \geqslant 75$.

Characteristic curves (measured at v = 41 mm² /s and t = 50 ℃)

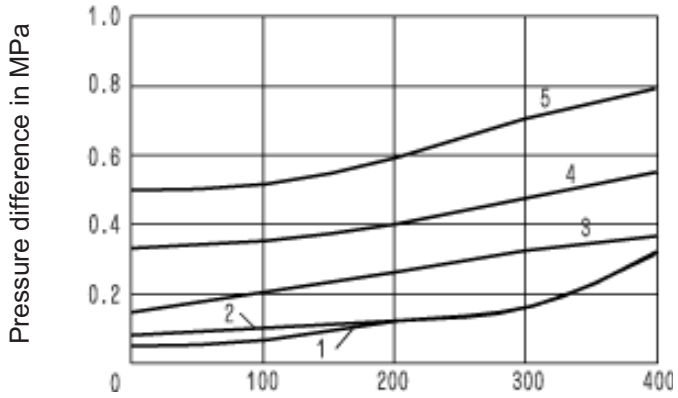
size10



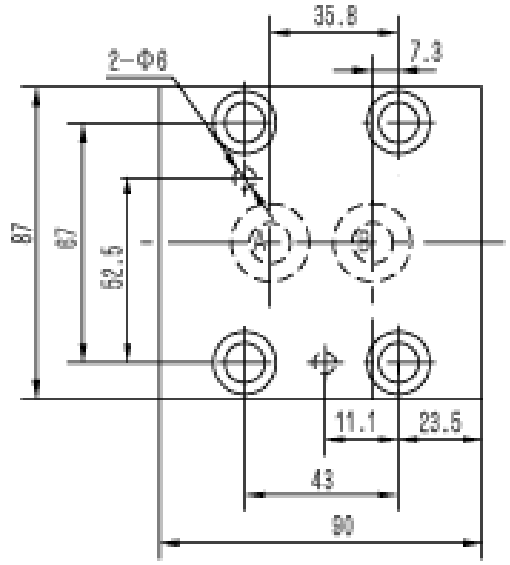
size20



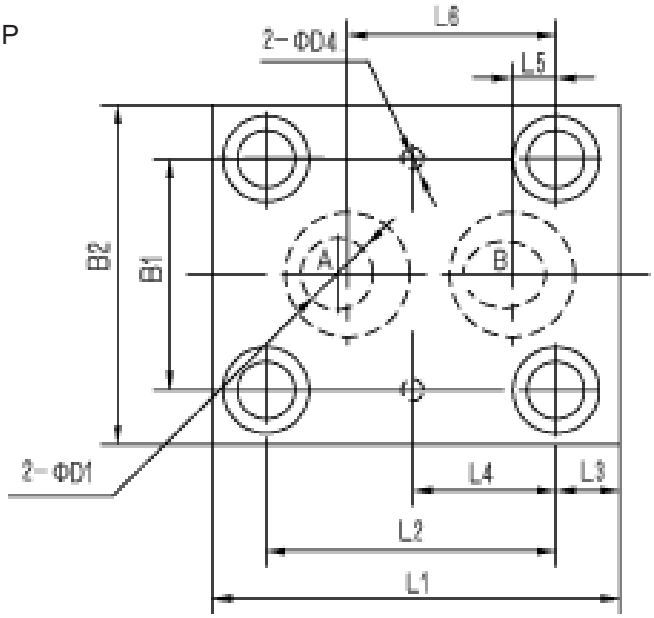
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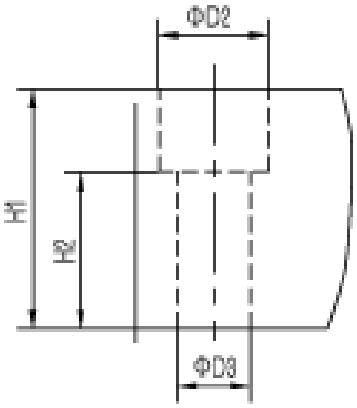


S 10 P

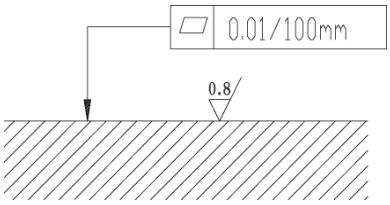


S 20.30 P





Required surface finish of mating piece



Size	Valve fixing screws（GB/T70.1-2000）	O-ring for ports A ,B
10	4-M10X35-10.9	17.12X2.62
20	4-M14X55-10.9	28.17X3.53
30	4-M18X60-10.9	34.52X3.53

Size	B1	B2	L1	L2	L3	L4	L5	L6	H1	H2	Φ D1	Φ D2	Φ D3	Φ D4
20	65	95	114	81	18	40.5	13	59	52	35	20	24	16	6
30	92	130	154	92	43.5	46	20.5	71.5	70	36	28	29	20	6

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