



1.14

Shuttle valve

Type KSF...L1X

Sizes 6 and 10
Up to 350bar
Up to 60 L/min



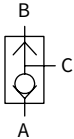
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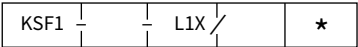
Features

- For the leakage-free closure
- Cartridge structure for installation in manifolds

Symbol



Ordering code



Shuttle valve

Size 6 = 6
Size 10 = 10

Further details in clear text

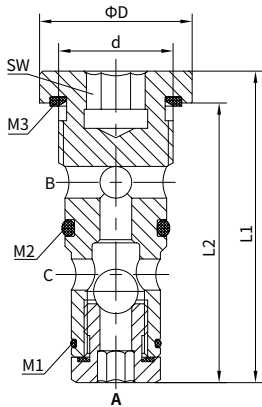
No code = NBR seals
V = FKM seals

L1X= Series L10 to L19
(L10 to L19: unchanged installation and connection dimensions)

Technical data

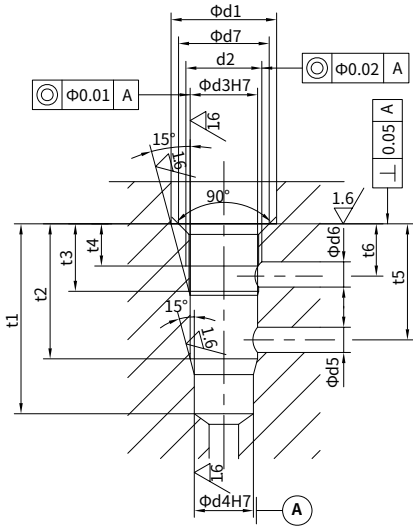
Size	NG6	NG10
Fluid temperature range °C	-30 to +80 (NBR seal)	
	-20 to +80 (FKM seal)	
Viscosity range mm²/s	Recommendation 30~80, permission 20~380	
Max.operating pressure bar	350	
Max.flow-rate L/min	40	60
Weight kg	0.5	0.8
Fluid	Mineral oil suit for NBR and FKM seal	
	Phosphate ester for FKM seal	
Degree of contamination	Maximum permissible degree of fluid contamination: Class 9. NAS 1638 or 20/18/15, ISO4406	

Installation dimensions



Size	NG6	NG10
D	24	34
L1	50	74
d	M18×1.5	M24×1.5
L2	45	66
SW	8	12
M1	O-ring 12×1	O-ring 17×1.5
M2	O-ring 12×2	O-ring 17.3×2.4
M3	Pipe connection gasket M18×1.5	Pipe connection gasket M24×1.5

Dimensions of inserted hole



Size	NG6	NG10
d1	25	35
d2	M18×1.5	M24×1.5
d3	16	22
d4	14	20
d5	6max	9max
d6	6max	9max
t1	46	68
t2	32	51
t3	16	20
t4	10	15
t5	27.5	40
t6	12	13.5
d7	$\Phi 18^{+0.2}_0$	$\Phi 24^{+0.2}_0$