1.7

Pilot operated check valve

Type SV / SL6...L6X

Size 6
Up to 315 bar
Up to 60 L/min

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Features

- For sub-plate mounting, porting pattern conforms to DIN 24 340 form A, ISO 4401 and CETOP 121 H
- With or without drain port
- 4 cracking pressures

Function and configurations

Valves of types SV and SL are pilot operate ij æ = U ϰ Ď κ es

Symbols

Ordering code

S | | | | | – L6X / | *

Without drain port = V
With drain port = L

Size 6 =6

For sub-plate mounting = P

With unloading function =A
Without unloading function =B

Cracking pressure 1.5bar =1
Cracking pressure 3bar =2
Cracking pressure 7bar =3
Cracking pressure 10bar =4

Further details in clear text

No code = NBR seals
V = FKM seals

L6X = Series L60 to L69
(L60 to L69: unchanged installation and connection dimensions)

Technical data

Weight	kg	Approx.0.8
Installation position		Optional
Flow direction		A to B fow freely, B to A fow under pilot
Operating pressure	bar	To 315
Pilot pressure	bar	5 to 315
Control fow -Port X	cm^3	0.68
-Port Y(only type SL)	cm^3	0.58
Control area-area A1	cm^2	0.42
-area A2	cm^2	1.33
-area A3	cm^2	0.19
Viscosity range	mm^2/s	2.8 to 500
Fluid temperature range		-30 to +80 (NBR seal)
		-20 to +80 (FKM seal)
Fluid		Mineral oil suit for NBR and FKM seal
		Phosphate ester for FKM seal
Degree of contamination		Maximum permissible degree of fuid contamination: Class 9. NAS 1638 or 20/18/15, ISO4406