

Hydraulic-operated Check Valve

Model: SV/SL6...6X



- ◆ Size 6
- ◆ Maximum working pressure 315 bar
- ◆ Maximum working flow 60 L/min

Contents

Function description, sectional drawing	02
Models and specifications	03
Functional symbols	03
Technical parameters	04
Characteristic curve	04
Component size	05

Features

- Hydraulic-operated check valve
- Connection dimensions according to DIN 4401-03-02-0-05
- Subplate mounting
- With or without drain port as required
- With or without pre-opening port as required
- Various opening pressures

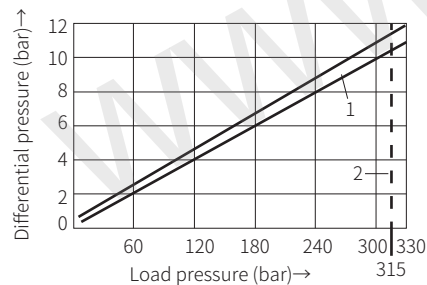
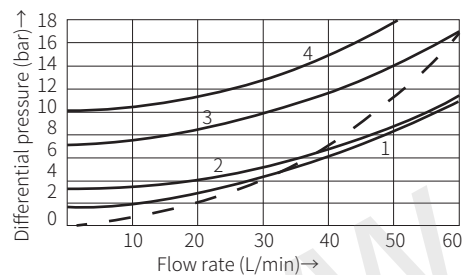
www.belimportsna.by

Technical Parameters

Weight	kg	About 0.8
Installation location		Optional
Flow direction		Free flow from A to B, flow from B to A under hydraulic operation
Environment temperature range	°C	-30 to +80 (NBR seal) -20 to +80 (FKM seal)
Maximum working pressure	bar	315
Maximum flow	L/min	60
Pilot pressure	bar	5 to 315
Viscosity range	mm ² /s	2.8 to 500
The maximum allowable pollution level of hydraulic oil - cleanliness class 20/18/15 to ISO 4406		
Pilot flow	Oil port X	cm ³ 0.68
	Oil port Y (model SL only)	cm ³ 0.58
Control area ratio	Model "A"	A3/A2:1/13
	Model "B"	A1/A2:1/3 A4/A2:1/7

Characteristic curve

(Measured when using HLP46, $\vartheta_{oil}=40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)



— A to B

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

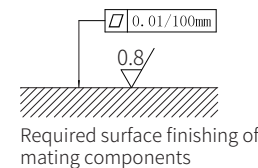
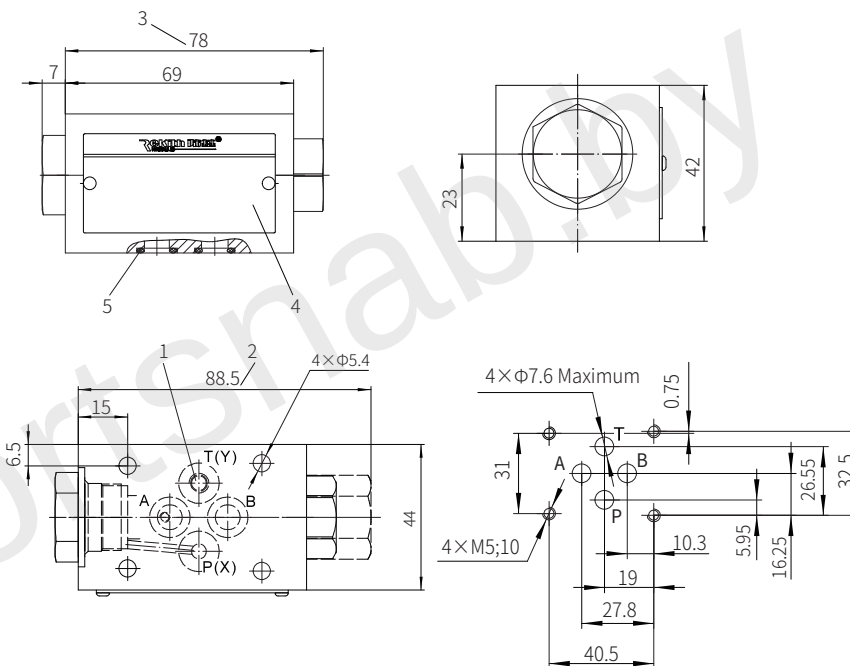
--- B to A

- 1 Tolerance zone
- 2 Limit value

Component size

Size unit: mm

Model SV/SL6...6XJ/...



It must be ordered separately if connection subplate is needed.

Subplate model:

- G341/01 (G1/4"); G341/02 (M14×1.5)
- G342/01 (G3/8"); G342/02 (M18×1.5)
- G502/01 (G1/2"); G502/02 (M22×1.5)

- 1 Port Y (M6; closed for model SV)
- 2 Size of model SV/SL6PA
- 3 Size of model SV/SL6PB
- 4 Name plate
- 5 O-ring 9.25X1.78

Valve fixing screw
M5x50-10.9 grade GB/T70.1-2000
Tightening torque $M_A=7.8\text{Nm}$