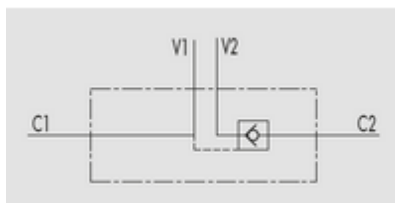


Single pilot-operated check valve

1/4" L – 3/8" L – 1/2" L

VBPSE



USE AND OPERATION:

These pilot check valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

MATERIALS AND FEATURES:

Body: zink-plated steel

Internal parts: hardened and ground steel

Seals: BUNA N standard

Poppet type: any leakage

APPLICATIONS:

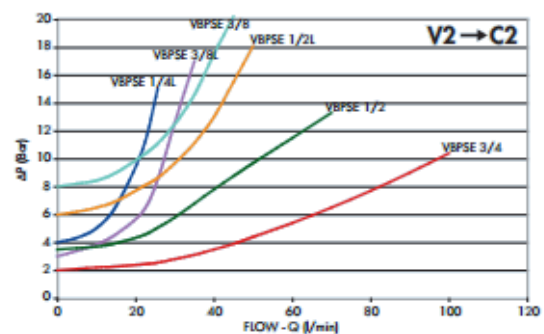
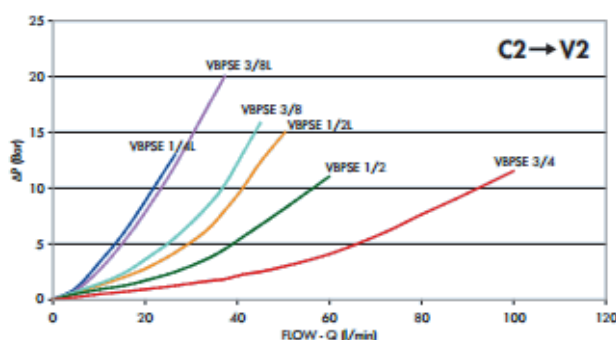
Connect V1 and V2 to the pressure flow, C1 to the free-flow side of the actuator, and C2 to the side of the actuator on which you want to block the flow.

ON REQUEST:

- Without seal on pilot piston
- 1 Bar spring
- 8 Bar spring

Type	Pilot ratio	Max. flow L/min.	Max. pressure Bar	Cracking pressure Bar
VBPSE 1/4" L	1:5,5	20	350	4
VBPSE 3/8" L	1:5,5	35	350	3
VBPSE 1/2" L	1:5	50	350	6

PRESSURE DROPS CURVE:

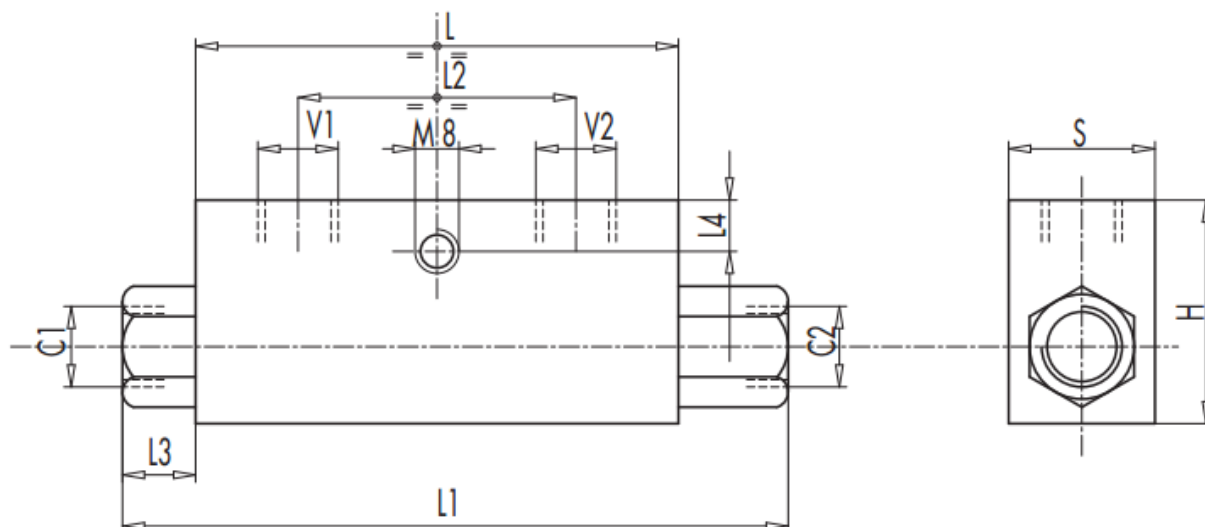


Oil temperature: 50°C – Oil viscosity: 30 cSt

Single pilot-operated check valve

$\frac{1}{4}''$ L – $\frac{3}{8}''$ L – $\frac{1}{2}''$ L

VBPSE



Type	V1-V2/C1-C2 GAS-MET	L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	Weight kg
VBPDE $\frac{1}{4}''$ L	G $\frac{1}{4}''$	64	106,5	36	18,5	8	40	30	0,612
VBPDE $\frac{3}{8}''$ L	G $\frac{3}{8}''$	80	120	38	16	8	40	30	0,706
VBPDE $\frac{1}{2}''$ L	G $\frac{1}{2}''$	90	133	45	17	8	45	35	0,994