SINGLE PILOT OPERATED CHECK VALVES WITH SEPERATE PILOT



VBPSE PS

Flow Upto 35 LPM **Pressure 350 Bar**



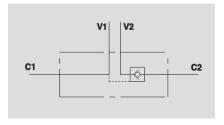
Description & Operation

These valves are used to block the cylinder in one direction. The flow is free in one direction and blocked in the reverse one until pilot pressure is applied. Separated mounting enables valves to be insensitive to back pressure on the line V2.

Assembly on 2 or more parallel cylinders with a sequence valve to allow balanced and soft descent is highly recommended.

Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator as indicated in the diagram.





Hydraulic Symbol



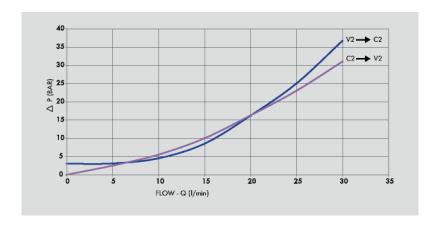
Maximum Flow	35 LPM
Maximum Pressure	350 Bar
Body Material	Aluminium, Steel
Internal parts	Hardened and Ground steel
External Component treatment	-
Oil Temperature	50 Deg. C
Fluids	Mineral based or synthetics with lubricating properties
Viscosity	30 cSt
Standard Sealing	NBR-Buna N
Filteration	20/18/15 ISO 4406 (Max. Filteration admitted)
Orientation / Mounting	Inline
Weight	See Ordering details



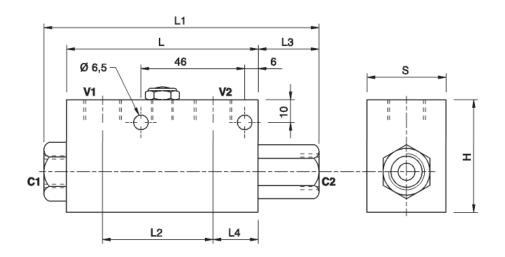
Specifications

Type	Pilot Ratio	Max.Flow	Max.Pressure	Cr.Pressure		
туре	FIIOURULIO	Bar	Bar	Bar		
VBPSE 3/8" PS	1:12	35	350	3		

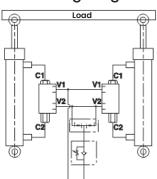
A Performance Curve



🔔 Dimensional Drawing



Mounting Diagram



Ordering Details

	Code Type	Typo	V1-V2 C1-C2	L	LI	L2	L3	L4	Н	S	Weight
		Type	GAS	mm	mm	mm	mm	mm	mm	mm	Kg
	R-V0231	VBPSE 3/8" PS	G3/8"	85	122	49	27	20	50	35	0.690