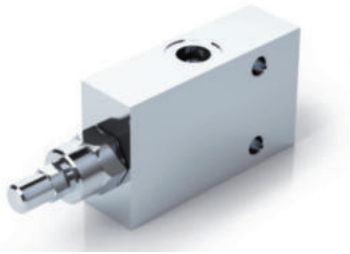
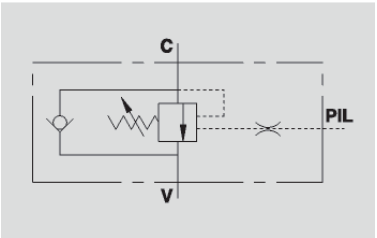
VBCD SE 3 VIE

Flow Upto 60 LPM
Pressure 350 Bar





Hydraulic Symbol

Description & Operation

These valves are used to control actuator movements and block in one directions. In order to have a descent of a load under control and avoid the load's weight being carried away the valve will prevent any cavitation of the actuator. External pilot line. Valve setting must be at least 1.3 times more than the load pressure in order to enable the valve to close even when subjected to the maximum load pressure.

Connect V1 and V2 to the supply, C2 to the actuator's side to be controlled and PIL to the pilot pressure.

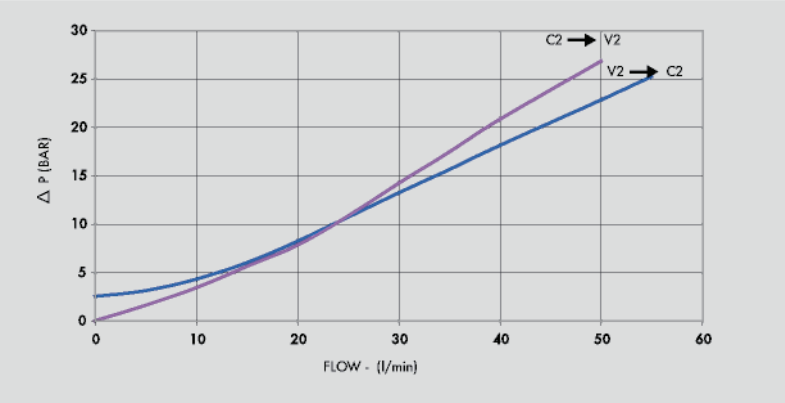
Technical Data

Maximum Flow	60 LPM
Maximum Pressure	350 Bar
Body Material	Steel
Internal parts	Hardened and Ground steel
External Component treatment	Zn/Fe - standard (96h) / Zn/Ni (720h)
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
Standard Pressure Setting	320 Bar

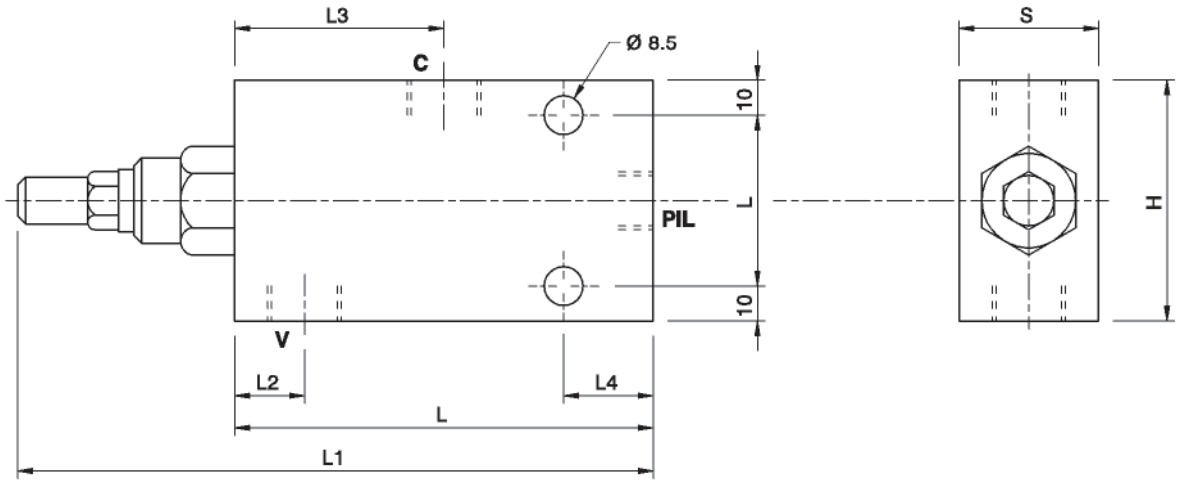
Specifications

Type	Pilot Ratio	Max.Flow	Max.Pressure
		LPM	Bar
VBCD 3/8" SE 3 VIE	1:4.5	40	350
VBCD 1/2" SE 3 VIE	1:4.5	60	350

Performance Curve



Dimensional Drawing



Ordering Details

Code	Type	C-V	PIL	L	L1	L2	L3	L4	H	S	Weight
		GAS	GAS	mm	mm	mm	mm	mm	mm	mm	Kg
R-V0394	VBCD 3/8" SE 3 VIE	G 3/8"	G 1/4"	100	149	20	50	25	60	30	1.338
R-V0414	VBCD 1/2" SE 3 VIE	G 1/2"	G 1/4"	100	149	20	50	25	60	30	1.306

On Request

- Non-standard pressure setting
- Sealing cap (CODE/P) and arranged for sealing cap (CODE/PP)