

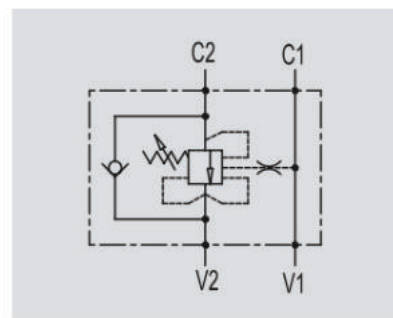


VBCD SE A CC

Flow Upto 60 LPM
Pressure 350 Bar

Description & Operation

These valves are used to control the actuator movements and block in one direction. In order to have the descent of a load under control and avoid the load's weight being carried away the valve will prevent any cavitation of the actuator. These valves are ideal when normal overcentre valves don't work properly as it's not sensitive to back pressure. They also allow the system pressure to move multiple actuators in series. Type "A" is different due to the connection positions and the pilot ratio. 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, C1 to the free flow side of the actuator and C2 to the actuator's side you want the flow to be blocked. In-line mounting.



Hydraulic Symbol

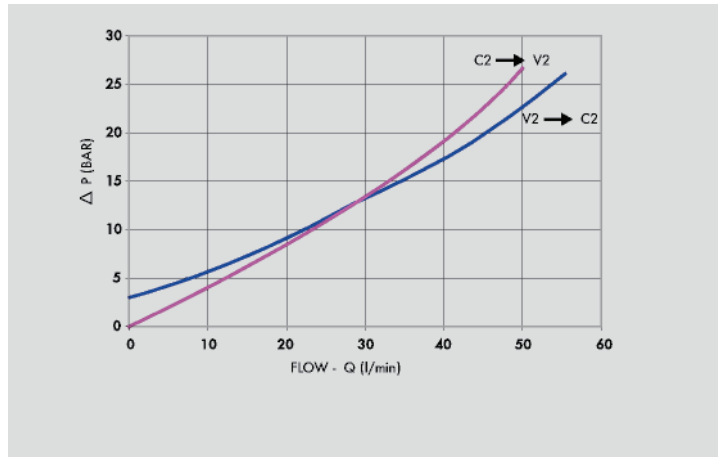
Technical Data

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
Filtration	20/18/15 ISO 4406 (Max. Filtration admitted)
Orientation / Mounting	Inline
Weight	See Ordering details
Standard Pressure Setting	320 Bar

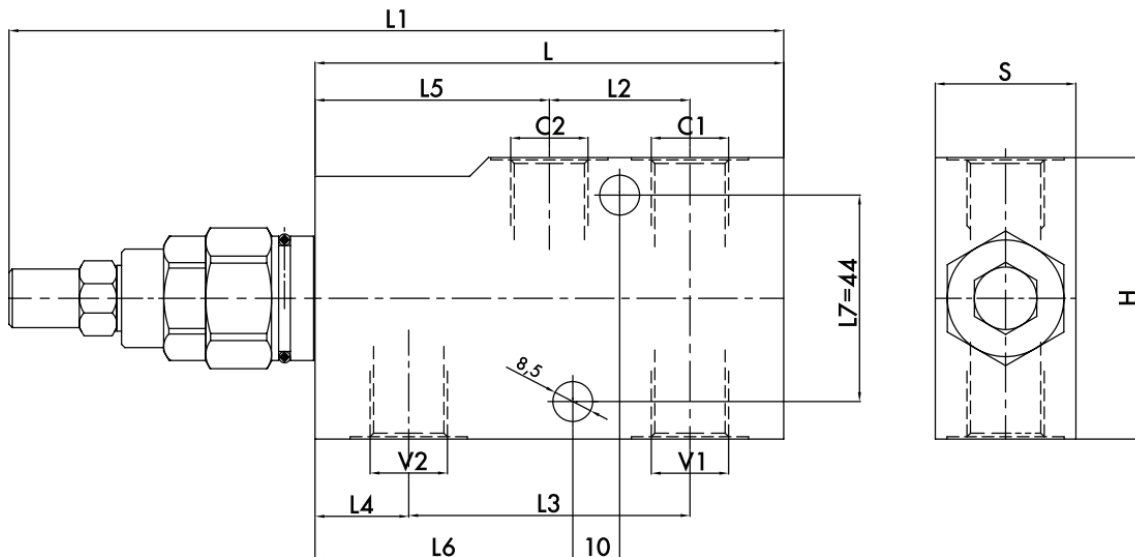
Specifications

Type	Pilot Ratio	Max.Flow	Max.Pressure
		LPM	Bar
VBCD 1/4" SE A CC	1:4.5	25	350
VBCD 3/8" SE A CC	1:4.5	40	350
VBCD 3/8" SE A CC	1:4.5	60	350

 Performance Curve



 Dimensional Drawing



 Ordering Details

Code	Type	V1-V2 C1-C2	L	L1	L2	L3	L4	L5	L6	L7	H	S	Weight
		GAS	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
R-V0388	VBCD 1/4" SE A CC	G1/4"	76	134	26	50	14	38	41	28	55	30	1.010
R-V0391	VBCD 3/8" SE A CC	G3/8"	100	166	30	60	20	50	55	44	60	30	1.300
R-V0393	VBCD 1/2" SE A CC	G1/2"	100	166	36	65	20	50	57.5	44	60	30	1.230

 On Request

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

OVER CENTER VALVES