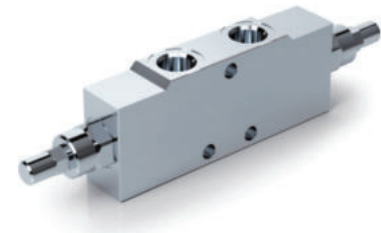


DOUBLE OVERCENTRE VALVES TYPE A WITH BRAKE UNCLAMPING



VBCD DE A SF

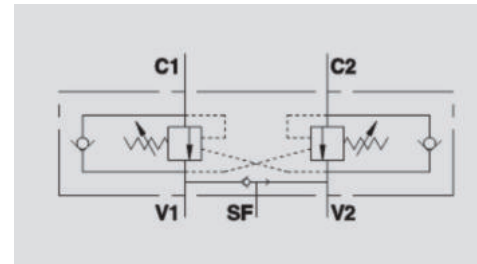
Flow Upto 60 LPM
Pressure 350 Bar



Description & Operation

These valves are used to control the actuator movements and block in both directions. 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. Type "A" is different due to the connection positions and the pilot ratio. The valve has a part to connect to the brake release. 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 pressure flow, C1 and C2 to the actuator to be controlled, SF to brake. In-line mounting.



Hydraulic Symbol

Technical Data

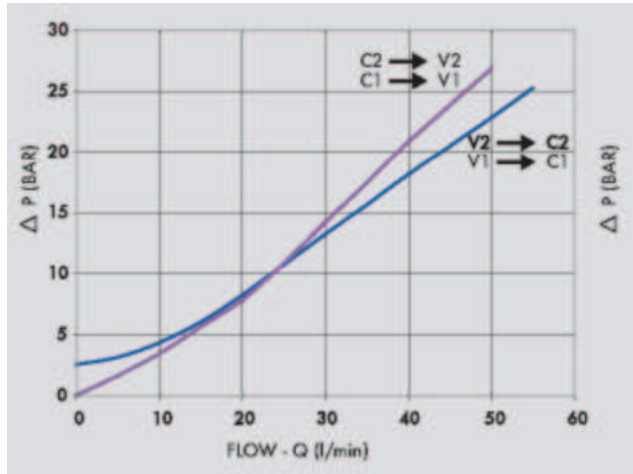
Maximum Flow	60 LPM
Maximum Pressure	350 Bar
Body Material	Steel
Internal parts	Hardened and Ground steel
External Component treatment	Zn/Fe - standard (96h) / Zn/Ni (720h)
Oil Temperature	50 Deg. C
Fluids	Mineral based or synthetics with lubricating properties
Viscosity	30 cSt
Standard Sealing	NBR-Buna N
Filtration	20/18/15 ISO 4406 (Max. Filtration admitted)
Orientation / Mounting	Inline
Weight	See Ordering details
Standard Pressure Setting	320 Bar

Specifications

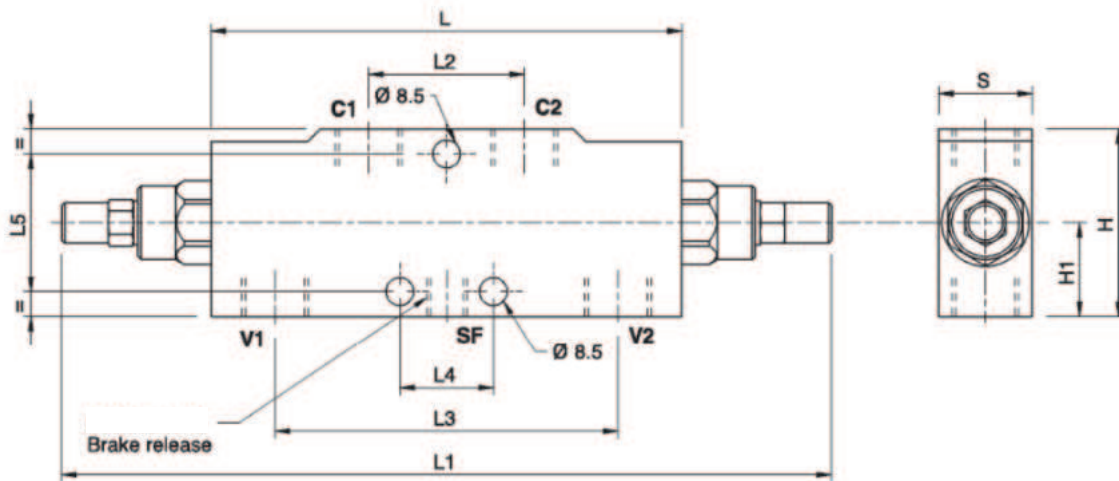
Type	Pilot Ratio	Max.Flow	Max.Pressure
		LPM	Bar
VBCD 3/8"DE A SF	1:4.5	40	350
VBCD 1/2"DE A SF	1:4.5	60	350

OVER CENTER VALVES

 **Performance Curve**



 **Dimensional Drawing**



 **Ordering Details**

Code	Type	VI-V2 CI-C2	SF	L	L1	L2	L3	L4	L5	H	H1	S	Weight
		GAS	GAS	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
R-V0422/SF	VBCD 3/8"DE A SF	G 3/8"	G 1/4"	150	248	50	110	30	50	60	32	30	1.944
R-V0432/SF	VBCD 1/2"DE A SF	G 1/2"	G 1/4"	150	248	50	110	30	50	60	32	30	1.886

 **On Request**

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

OVER CENTER VALVES