

Barrel Flow Control Valves

No Check



USE AND OPERATION:

This valve is used to adjust flow speed of actuators in both directions. As pressure compensation is not provided, flow adjustment depends on pressure and oil viscosity.

MATERIALS AND FEATURES:

Body: zinc-plated steel

Internal parts: hardened and ground steel

Seal: BUNA N standard

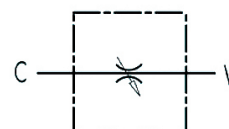
Tightness: by diameter combination. Minor leakage with closed valve

APPLICATIONS:

Connect V to the pressure flow and C to the actuator to set; when used on actuator with double pilot check valve, VRB has to be mounted between the actuator and the double pilot check valve.

Flow adjustment is made by rotating the coupling: by clockwise rotation flow increases and vice versa. Once the flow has been set, lock the nut in order to keep the desired settings even in case of vibrations.

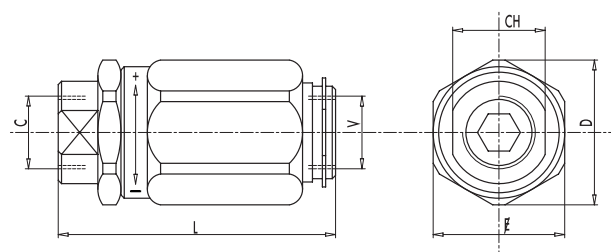
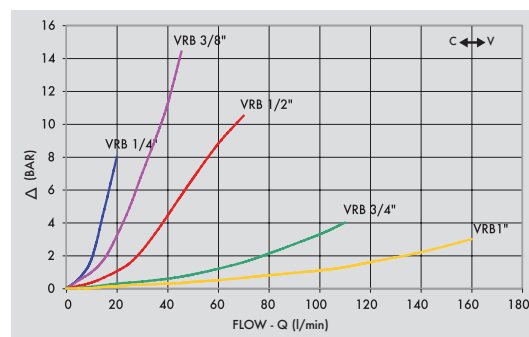
Oil temperature: 50° C - Oil viscosity: 30 cSt



BSPP

Part Number	Thread	LPM	Max Pressure Bar
BFCV04	1/4"	20	300
BFCV06	3/8"	45	300
BFCV08	1/2"	70	300
BFCV12	3/4"	110	250
BFCV16	1"	160	250

Pressure Drops Curve



CODE	SIGLA TYPE	V - C GAS	L mm	L1 mm	CH mm	D mm	WEIGHT kg
BFCV04	VRB 1/4"	G1/4"	66,5	30	19	34	0,266
BFCV06	VRB 3/8"	G3/8"	73	32	24	36	0,312
BFCV08	VRB 1/2"	G1/2"	80	38	27	42	0,456
BFCV12	VRB 3/4"	G3/4"	95	46	32	51	0,784
BFCV16	VRB 1"	G1"	109	55	41	60	1,222