

Barrel Flow Control Valves With Check



USE AND OPERATION:

This valve is used to adjust flow speed of actuators in one direction; flow is free in the reverse one. 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:

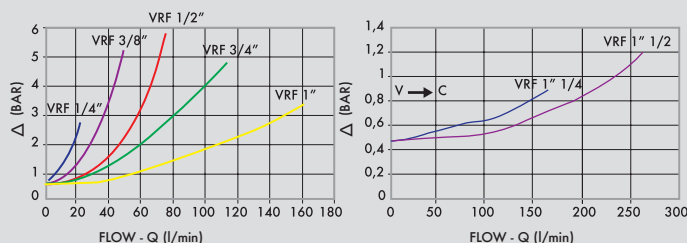
Connect V to the pressure flow and C to the actuator to set. The flow is adjusted from C to V and free in the reverse direction. When used on actuator with double pilot check valve, VRF has to be mounted between the actuator and the double pilot check valve. Flow adjustment is made by rotating the coupling: 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.



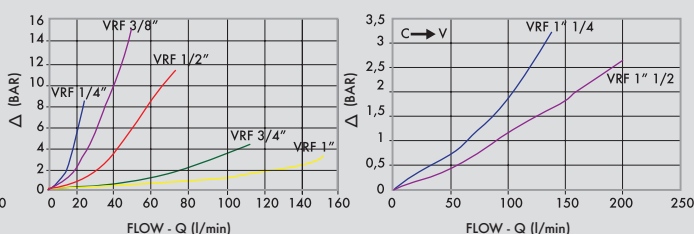
PRESSURE DROPS CURVE

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

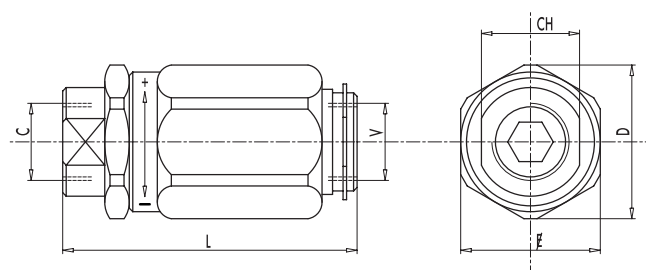
STROZZATORE TUTTO CHIUSO - FULLY CLOSED THROTTLE



STROZZATORE TUTTO APERTO - FULLY OPENED THROTTLE



CODE	TYPE	MAX FLOW lt. / min	MAX PRESSURE Bar	CRACKING PRESSURE Bar
BFCVC04	VRF 1/4"	20	300	0,5
BFCVC06	VRF 3/8"	45	300	0,5
BFCVC08	VRF 1/2"	70	300	0,5
BFCVC12	VRF 3/4"	110	250	0,5
BFCVC16	VRF 1"	160	250	0,5



CODE	TYPE	GAS	mm	mm	mm	mm	kg
BFCV04	VRF 1/4"	G1/4"	66,5	30	19	34	0,274
BFCV06	VRF 3/8"	G3/8"	73	32	24	36	0,330
BFCV08	VRF 1/2"	G1/2"	80	38	27	42	0,484
BFCV12	VRF 3/4"	G3/4"	95	46	32	51	0,824
BFCV16	VRF 1"	G 1"	109	55	41	60	1,314