

Overview

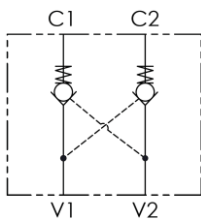
Use and Operation

Dual Pilot Check Valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

Materials and Features

- Body : Zinc plated steel.
- Internal Parts : Hardened and ground steel.
- Seals : BUNA N Standard.
- Leakage : Guided poppet – negligible leakage.

Symbol



Connection

Connect V1 and V2 to the supply and C1 and C2 to the actuator.

On Request

- Without seal on pilot piston.
- 1 Bar spring.
- 8 Bar Spring (Optional).

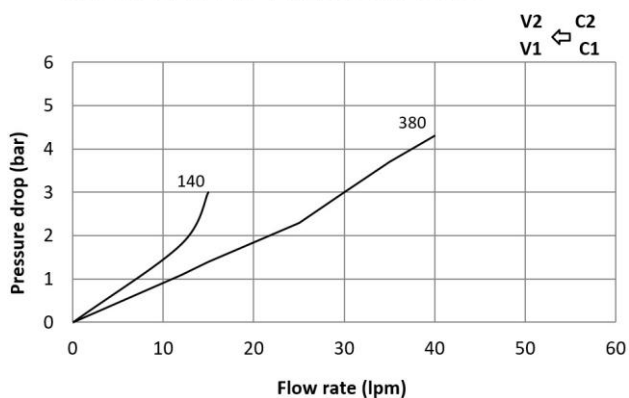
Oil Temperature

Oil Viscosity @ 50Deg C: 30 cSt

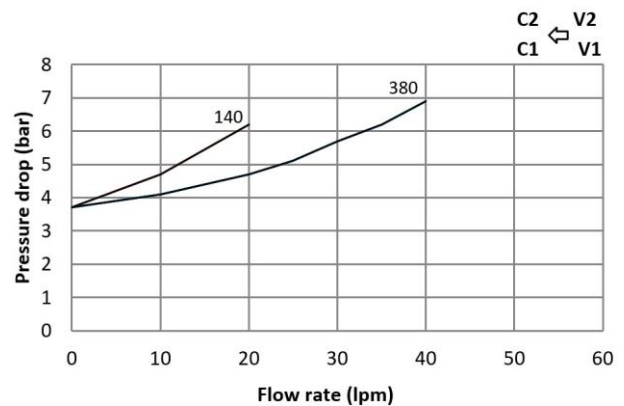
Performance

PRESSURE DROP CURVE

FLOW RATE VS PRESSURE DROP



FLOW RATE VS PRESSURE DROP

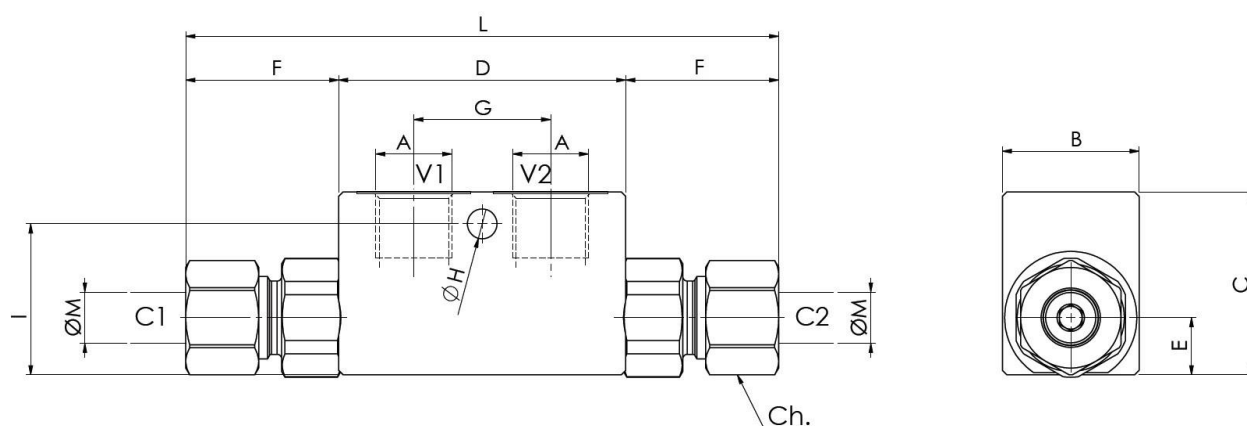


Valve Specifications

TYPE	PILOT RATIO	MAX FLOW Lt. / min	MAX PRESSURE Bar	CRACKING PRESSURE Bar
VRDD-140	1:4	20	350	1
VRDD-380	1:4	35	350	1

➤ Required Pilot Ratio can be provided.

Installation Specifications



TYPE	A	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	Ch mm	WEIGHT kg
VRDD-140	G 1/4"	30	40	67	13	30	36	7	32.5	127	12	22	0.65
VRDD-380	G 3/8"												0.63

Note : Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.