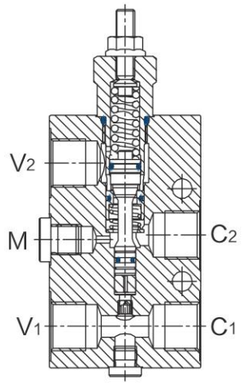
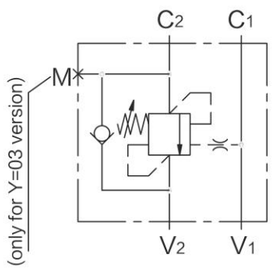
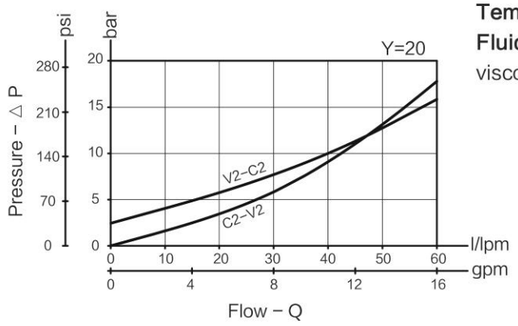
IN08.39.59XYZ



ISO SYMBOL



PERFORMANCE (Cartridge Only)



DESCRIPTION

Valve block structure，Pipe installation .

OPERATION

When pressure at V2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from V2 to C2. When load pressure at C2 rises above the pressure setting, the direct operated, differential area, relief function is activated and flow is relieved from C2 to V2. With pilot pressure at V1–C1, the pressure setting is reduced in proportion to the stated ratio of the valve, until opening and allowing flow from C2 to V2. The spring chamber is drained to V2, and any back–pressure at V2 is additive to the pressure setting in all functions.
Note: port identified with M are not protected with calibrated orifice but in direct connection with pressure channels.

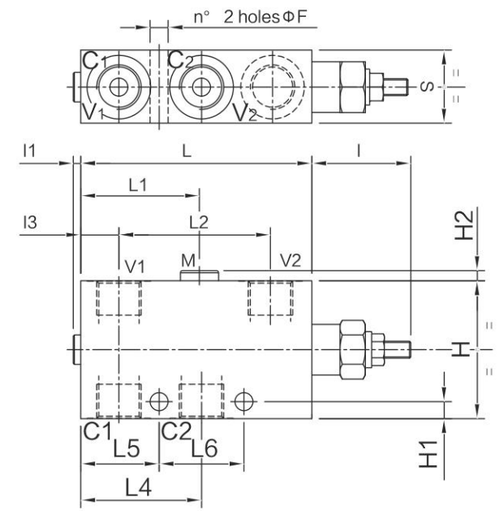
FEATURES

- Single Counterbalance
- Pipe installation

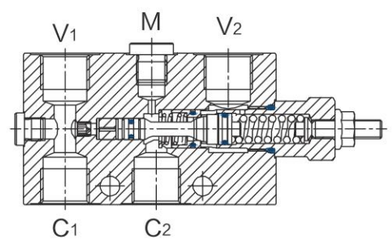
RATINGS

Max. Operating Pressure： 350bar。
Maximum setting = 350 bar.350bar Maximum recommended load pressure at maximum setting = 270bar
Relief setting: at least 1.3 times the highest expected load.
Pilot ratio: 4.2 : 1
Flow: see performance chart
Internal Leakage: 15drops/min max. to 80% of nominal setting.
Temperature: –40 to 120° C with standard Buna seals
Fluids: Mineral–based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt (50 to 2000 sus);

DIMENSIONS



【mm（inches）】



35 (1.38)	40 (1.58)	37.3 (2.26)	57.3 (2.26)	18 (0.71)	71 (2.8)	55.3 (2.18)	109 (4.29)	3.5 (0.14)	47 (1.85)	5 (0.2)	8 (0.32)	65 (2.56)	8.5 (0.34)		G1/2	1.81 (3.99)
30 (1.18)	40 (1.58)	37.3 (1.47)	57.3 (2.26)	18 (0.71)	71 (2.8)	– –	109 (4.29)	3.5 (0.14)	47 (1.85)	– –	8 (0.32)	55 (2.17)	8.5 (0.34)		G3/8	1.3 (2.87)
S	L6	L5	L4	L3	L2	L1	L	I1	I	H2	H1	H	F		Y	Weight kg（lbs）

TO ORDER

IN08.39.59

Pilot ratio：
4.2:1 03

Adj.pressure range（bar）	Pres.increase（bar/turn）	Std.setting Q=5（l/min）
60–210	63	200
20 100–350	138	350
35		

Port sizes：

M	C_1–C_2	V_1–V_2	
/	G3/8	G3/8	02
G1/4	G1/2	G1/2	03