

G3/4 RELIEF VALVE 100 LPM

The 100 litre per minute relief valve is a very reliable pilot operated cartridge valve. It can be used in the Hy-Pro range of V3000 sectional valves or as an inline valve within a manifold. Two relief valves together in a purpose built manifold give dual line relief commonly used to prevent shock loads in hydraulic motors and equal ended cylinders.

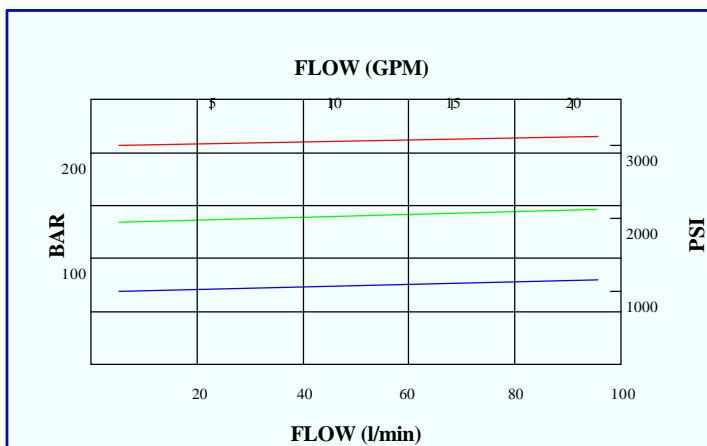


Description

The adjustable relief valve cartridge is a pilot operated relief valve with extremely flat flow/pressure characteristics to ensure that the setting accuracy is maintained over a wide band of flow. It can be supplied as a cartridge in a manifold for inline relief and two together in a manifold for dual line relief.

Application

Designed for continuous duty to relieve pressures up to 210 bar and 100 litres per minute in all industrial, mobile, marine and agricultural applications. The dual line relief valves are commonly used to prevent shock loads in hydraulic motors and balanced cylinders.



Features

- Pilot-operated.
- Adjustable.
- Cartridge type.
- Three port manifolded.
- Dual line relief manifolded.
- Dirt tolerant.

V3028



C

M

MK

M2

ORDER CODES

Pilot Operated Relief Valve Adjustable

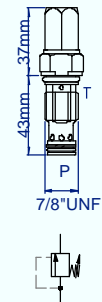
Cartridge Set 140 Bar

Manifold & Cartridge Set 140 Bar

Manifold & Cartridge Knob Adjusted

Manifold & 2 Cartridges Set 140 Bar

V3028C



Technical Data

Performance

Rated flow	100 l/min
Max pressure	210 bar
Temperature rating: min	-20°C
Temperature rating: max	+65°C
Manifold ports	G3/4

Recommended Oil

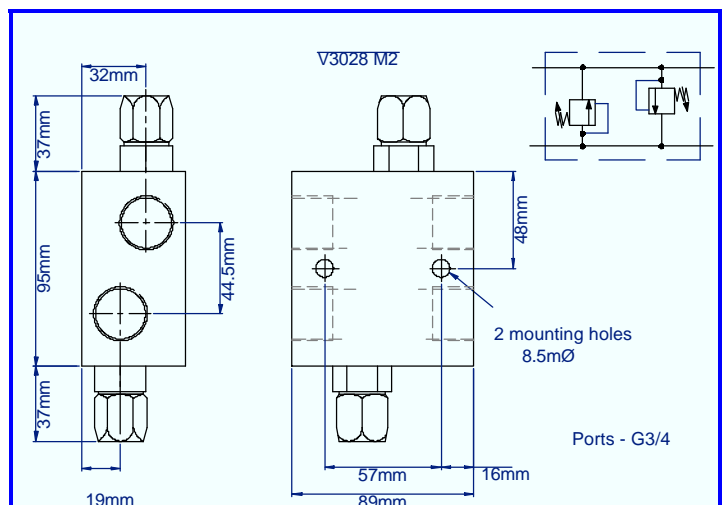
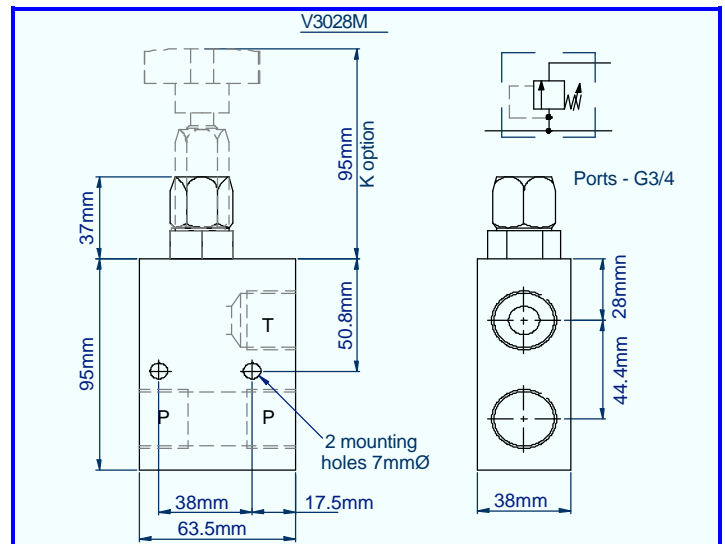
Mineral based hydraulic	ISO VG37
Filtration (minimum)	25 micron

Materials

Body – Nitrotec	NQ3
Piston – Hardened	BC Standard 0,19
Cap – Zinc chromate	BS 1706 Zn3
Tightening torque	13.5 Nm
Seals – static	Nitrile

Weights

V3028 C	0.19 kg
V3028 M	0.64 kg
V3028 M2	1.23 kg



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