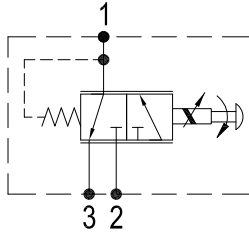


PROPORTIONAL PRESSURE REDUCING VALVES

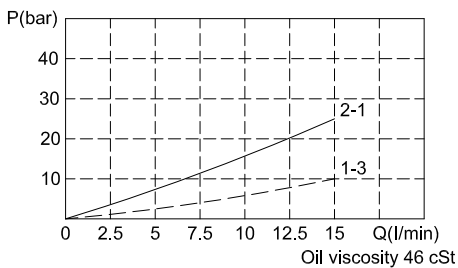
I PRP-08

HYDRAULIC DIAGRAM

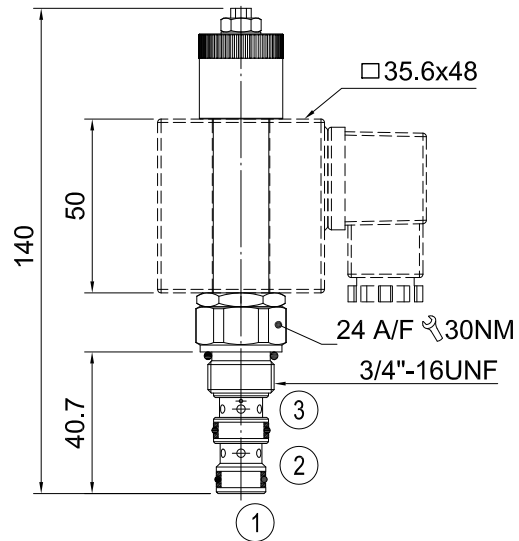


Type	Qnom (L/min)	Pmax (Bar)
I PRP-08	18	24

RATING DIAGRAM



DIMENSIONS (mm)



Cavities: see cavity data 08-03

CODE NUMBER

I PRP-08-D2

Voltage Available

- 1) D1 = 12 VDC
- 2) D2 = 24 VDC

■ APPLICATION

Our proportional relief valves are poppet design for direct acting. This valve is used to regulate the pressure of the pump's forked fluid line. It maintains the pressure which is persistent and lower than the fluid origin not to affect the main fluid line.

■ OPERATION

The valves proportionally regulate pressure to the solenoid current. The solenoid is oil immersed armature and the pressure can be adjusted with the manual override.

■ PERFORMANCE

Rated Flow : 18 l/min Max. inlet pressure : 210 bar
 Pressure control : 0 - 24 bar
 Working temperature :
 Min. -20°C, Max. 90°C, with standard BUNAN gaskets
 Min. -20°C, Max. 120°C, with optional VITON gaskets on request

■ RECOMMENDATIONS

Fluid: best use mineral oil with viscosity ranging between 10 and 200 cSt
Filter: 25 micron or better
Cavities: see cavity data 08-03
Installation: before screwing the cartridge on the valve body, ascertain to provide suitable gasket lubrication with clean oil and also be sure to screw the cartridge manually in to reach against the gaskets in the valve body.

H B HYDRAULICS CO., LTD. reserves the variations and modifications of technical features and dimensions; and also reserves the right to stop production of each and any model listed in the catalogue with no notice.