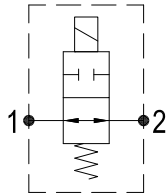


SOLENOID VALVES

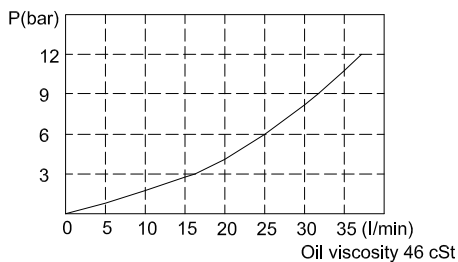
IS-10-N0

HYDRAULIC DIAGRAM

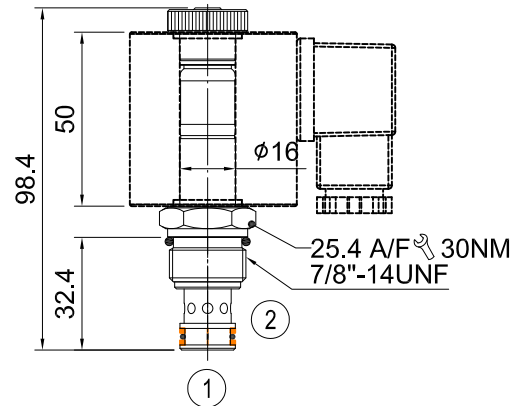


Type	Qnom (L/min)	Pmax (Bar)
IS-10-N0	22	210

RATING DIAGRAM



DIMENSIONS (mm)



Cavities: see cavity data 10-02

CODE NUMBER

IS-10-N0-A1

Type of Spool
Normally Open

Voltage Available

- 1) A1 = 110 VAC
- 2) A2 = 220 VAC
- 3) D1 = 12 VDC
- 4) D2 = 24 VDC

APPLICATION

To give on-off control of flows. Typical usage includes the control of actuators in a hydraulic system.

OPERATION

With the valve version and de-energised solenoid, the oil flow is free from port 1 to port 2 or from port 2 to port 1. When the solenoid is energised, the oil flow is closed from port 1 to port 2, and closed from port 2 to port 1 as well.

PERFORMANCE

Rated Flow : 22 l/min Max. pressure : 210 bar
 Oil leaks from port 2 to port 1: 120 ml/min at 210 bar and oil viscosity of 46 cSt when the solenoid is energised
 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 10-02
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.