Solenoid Valves

SBV1-12-C

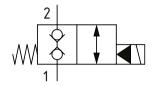


Solenoid Valve, 2-way, Poppet Type, Normally Closed, Pilot Operated, Double Blocking 210 bar [3000 psi] • 114 l/min [30 USqpm]

OPERATION AND DESCRIPTION

This is a 2-way, 2-position, poppet type, pilot operated, normally closed, bi-directional solenoid valve. In its de-energized condition flow is blocked in both directions. Leakage in either direction is kept to a minimum due to the poppet design. When energized, flow can take place from port 2 to 1 and from 1 to 2. These valves can be used to hold loads in position or interrupt a pressure line where flow is expected to pass in both directions in the de-energized condition.

SCHEMATIC

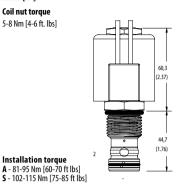


PERFORMANCE DATA

Rated Pressure	210 bar [3000 psi]
Rated flow	114 l/min [30 US gpm]
Leakage	5 drops/ min @ 210 bar [3000 psi]
Coil Options	J series
Weight	0.27 kg [0.59 lb]
Cavity	C-12-2 / C-12-2U

DIMENSIONS

mm [in]

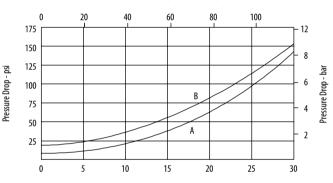




PERFORMANCE CURVES

Pressure Drop

Flow - L/min (21.8 cSt oil @ 49°C)



Flow - USgpm (105 SUS oil @ 120°F)

A - Port 1 to port 2 · B - Port 2 to port 1

MODEL CODE

