Solenoid Valves

SV2-20-C

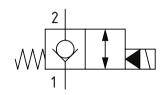


Solenoid Valve, 2-way, Poppet Type, Normally Closed, Pilot Operated with Reverse Free Flow 210 bar [3000 psi] • 230 l/min [60 USqpm]

OPERATION AND DESCRIPTION

This is a 2-way, 2-position, poppet type, pilot operated, normally closed solenoid valve. In its de-energized condition, flow passes from port 1 to 2 but is blocked in the opposite direction. When energized, flow passes from port 2 to 1 and from 1 to 2. Due to the low leakage provided by the poppet design, these valves can be used to hold loads in position or to interrupt a pressure line where flow normally passes in both directions.

SCHEMATIC



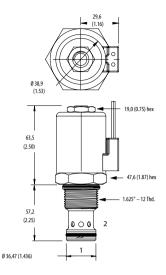
■ PERFORMANCE DATA

Rated Pressure	210 bar [3000 psi]
Rated flow	230 l/min [60 USgpm]
Leakage	5 drops/ min @ 210 bar [3000 psi]
Coil Options	J series
Weight	1.2 kg [2.70 lb]
Cavity	SDC20-2

DIMENSIONS

mm [in]

Coil nut torque 5-8 Nm [4-6 ft. lbs]



■ PERFORMANCE CURVES

Installation torque 128-155 Nm [95-115 ft. lbs]

Pressure Drop 120 160 200 200 180 12 160 140 psi 120 Pressure Drop -Pressure Drop 100 80 60 40 2 20 50 60 Flow - USgpm (105 SUS oil @ 120°F)

A - Port 1 to 2 de-energized • B - Port 2 to 1 energized

■ MODEL CODE

