Directional Control Valves

MSV5-12

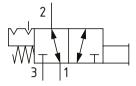
Manual Push Valve with Detent, 3-Way, Spool Type

210 bar [3000 psi] • 42 l/min [11 US gpm]

■ DESCRIPTION AND OPERATION

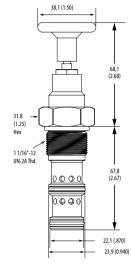
This is a 3-way, spool type, 2 position, push to open directional control valve with a push and twist detent. In the normal position, port 1 is connected to port 2 and port 3 is blocked. When the knob is manually pushed downward, port 1 is blocked and port 2 is connected to port 3. It can be held in this position by twisting the knob to engage the detent. This valve can be used to prevent flow to part of a system until manual intervention takes place.

SCHEMATIC



DIMENSIONS

mm [in]

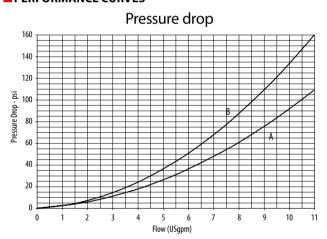


Installation torque 81-95 Nm [60-70 ft lbs]

■ PERFORMANCE DATA

Rated pressure	210 bar [3000 psi]
Rated flow	42 l/min [11 US gpm]
Leakage	350 ml/min [21.5 in ³ /min] @ 210 bar [3000 psi]
Weight	0.29 kg [0.66 lb]
Cavity	C-12-3

PERFORMANCE CURVES



A-Port 2 to 1 • **B**-Port 3 to 2

■ MODEL CODE

