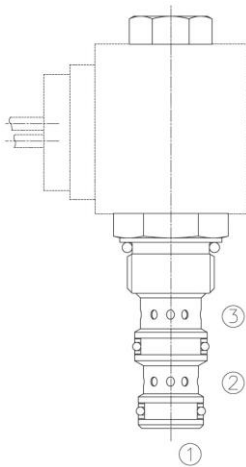


Overview



Description

A solenoid operated, 3 way, 2-position, spool-type cartridge valve.

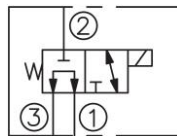
Operation

When de-energized, the valve allows flow from (3) to (1), while blocking flow at (2). When energized, the cartridge's spool shifts to allow flow from (2) to (1), while blocking at (3). While port (1) may be fully pressurized, it is not intended to be used as an inlet.

Operation of Manual Override Option

To override, push button in, twist counterclockwise 180° and release. In this position, valve will remain detented in the shifted condition. To return to normal operation, push button in, twist clockwise 180° and release. Override will be detented in this position.

Symbol

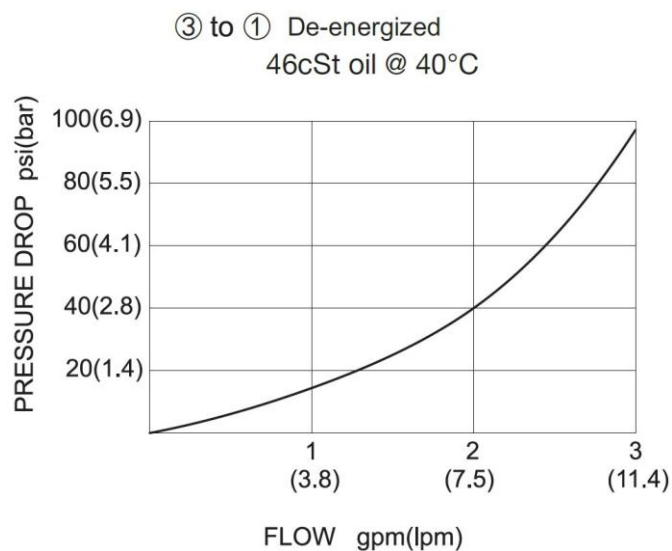


Ratings

Operating Pressure	207 Bar
Flow Setting	Refer Performance Curve
Internal Leakage	2 drops/min. max. at 207 bar
Temperature	-40° F to +212° F (-40° C to +100° C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Fluids	Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Cavity	C-08-3, Refer Next Page
Body Material	6061 – T6 aluminium alloy rated to 207 bar & Steel rated to 350bar

Performance

PRESSURE DROP VS FLOW



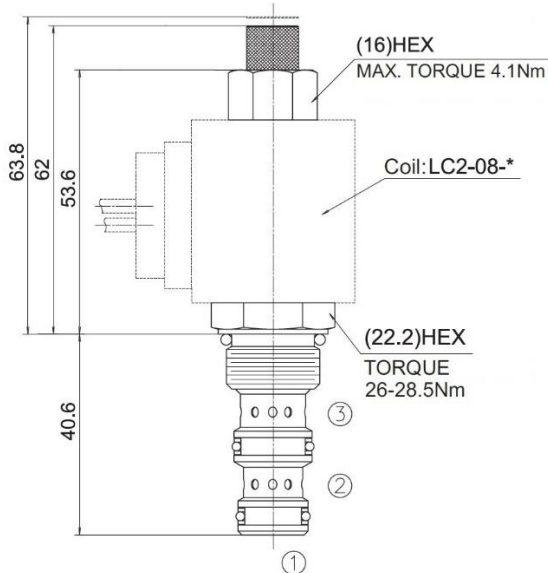
Model Code

SV	-	08	-	3C	-	-	-	-	-
Solenoid Valve		Size		Flow path					
				Blank = None M = Manual Override					
						<u>Voltage</u>		<u>Body Porting</u>	
						1 = 12 VDC		Blank = None	
						2 = 24 VDC		4T = SAE4	
						3 = 110 VAC		6T = SAE6	
						4 = 220 VAC		2G = G 1/4	
						5 = 10 VDC		3G = G 3/8	
						7 = 48 VDC		Other Porting is available	
						8 = 24 VAC			

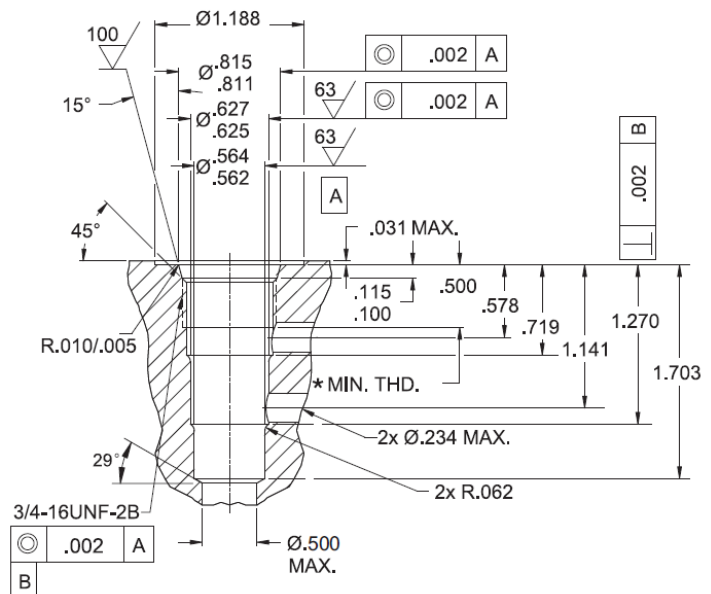
Installation Specifications

Coil must be installed with Letter Up

Unit = Millimeters



Unit = Inch



CAVITY: 08-3

Note : Where measurements are critical request certified drawings. We reserve the right to change specifications without notice.