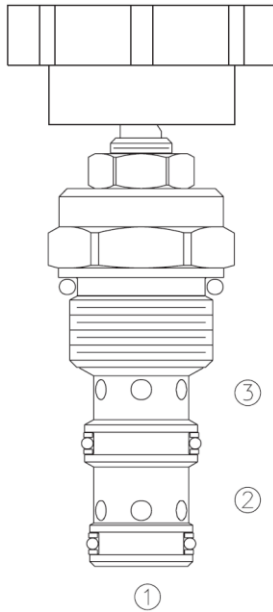


Overview



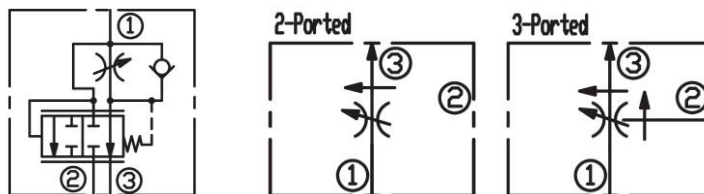
Description

The FC-10-3C is a cartridge style adjustable pressure-compensated flow control valve.

Operation

The valve maintains a constant flow rate out of (3) regardless of load pressure changes in the system downstream of (3), or in the bypass leg at (2). Reverse flow (3) to (1) bypasses the control orifice. Bypass port (2) may be fully pressurized. The regulated flow increases from closed to fully open, with counter-clockwise rotation of the knob.

Symbol

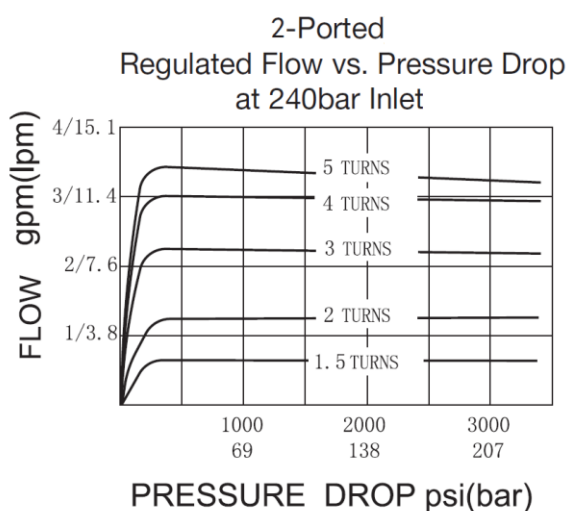


Ratings

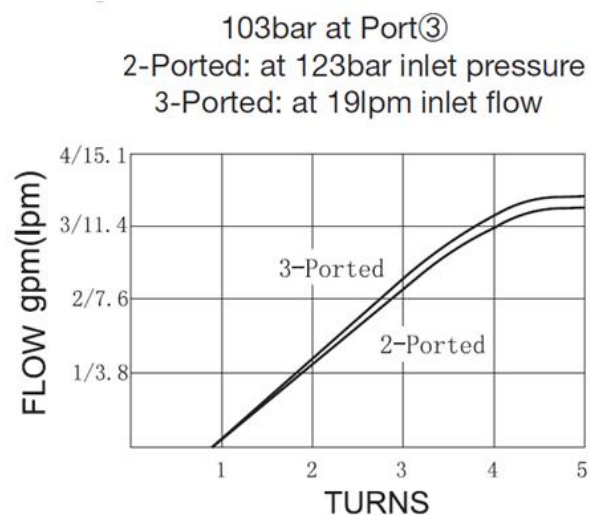
Operating Pressure	: 240 Bar
Flow Setting	3-ported regulated flow: 0-13 lpm 2-ported regulated flow: 0-12 lpm
Temperature	-40° F to +250° F (-40° C to +120° C)
Fluids	Mineral Based Fluids with viscosities of 7.4 to 420 cSt
Cavity	C-10-3, Refer Next Page
Body Material	6061 - T6 aluminium alloy rated to 207 bar, steel & Ductile iron rated to 350 bar

Performance

PRESSURE DROP VS FLOW



Regulated Flow Vs. Turns [32cst oil @ 40°C

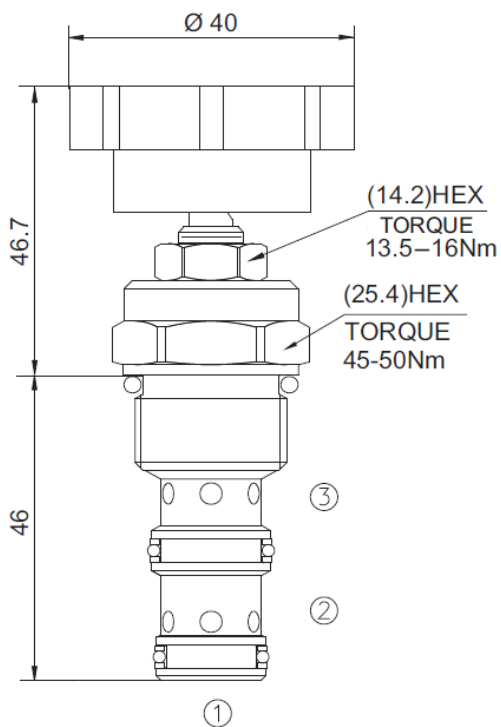


Performance

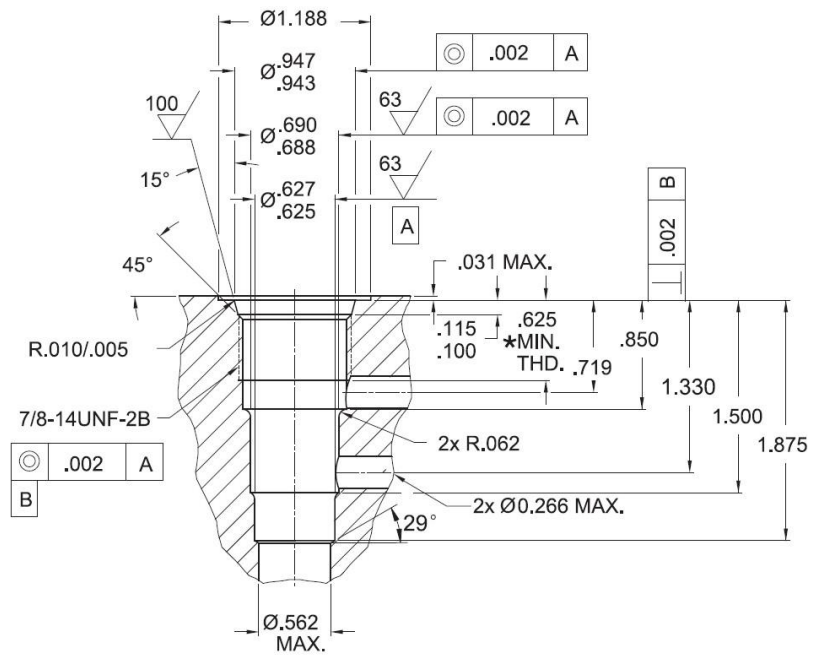
FC	-	10	-	3C	-		-		-	
		Size								
Pressure-compensated Flow Control Valve			Adjustable Orifice		<u>Seals</u> N-Buna N (Std) V-Viton					
					<u>Adjustment</u> K - Plastic Knob A - Omit for 3/16" Hex Allen head C = Option A with Cover Cap					
									<u>Body Porting</u> Blank = None 6T = SAE6 8T = SAE8 2G = G 1/4 3G = G 3/8	

Installation Specifications

Unit = Millimeters



Unit = Inch



CAVITY: 10-3

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