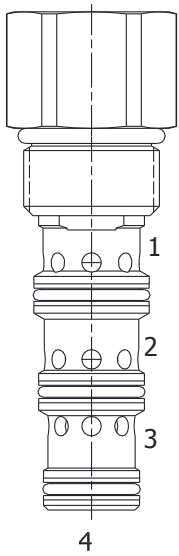


**DG-PDI PILOTED DIRECTIONAL VALVE, 3 WAY NORMALLY OPEN**



**DESCRIPTION**

10 size, 7/8-14 thread, "Delta" series, 3 way normally open piloted directional valve.

**OPERATION**

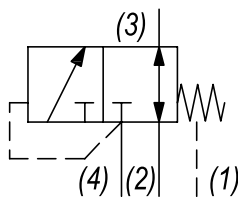
The DG-PDI in neutral (un-piloted), allows flow between (3) and (2) bi-directional, while blocking at (4). The spring chamber is constantly vented at (1). On attainment of a predetermined pressure at (4), the cartridge shifts to close (3) to (2), while opening (4) to (3).

Note: that the backpressure value at (1) must be added to the selected pressure setting to determine pilot pressure necessary to shift valve to second position.

**FEATURES**

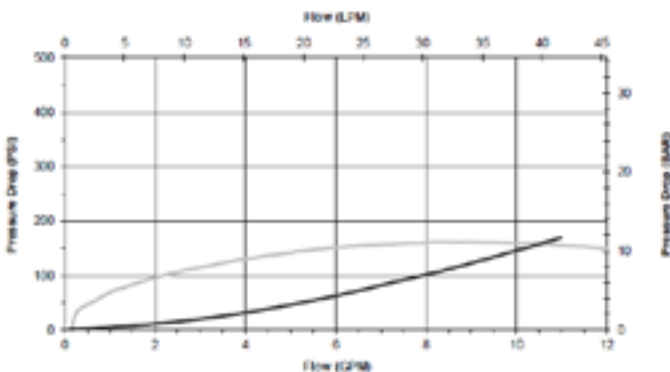
- Hardened parts for long life.
- Industry common cavity

**HYDRAULIC SYMBOL**



**PERFORMANCE**

Actual Test Data (Cartridge Only)



**VALVE SPECIFICATIONS**

Nominal Flow	10 GPM (38 LTR/M)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	5 cu in/min (82 ml/min)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.63 lbs (.28 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Cavity	DELTA 4W
Cavity Form Tool (Finishing)	40500002
Seal Kit	21191214

**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

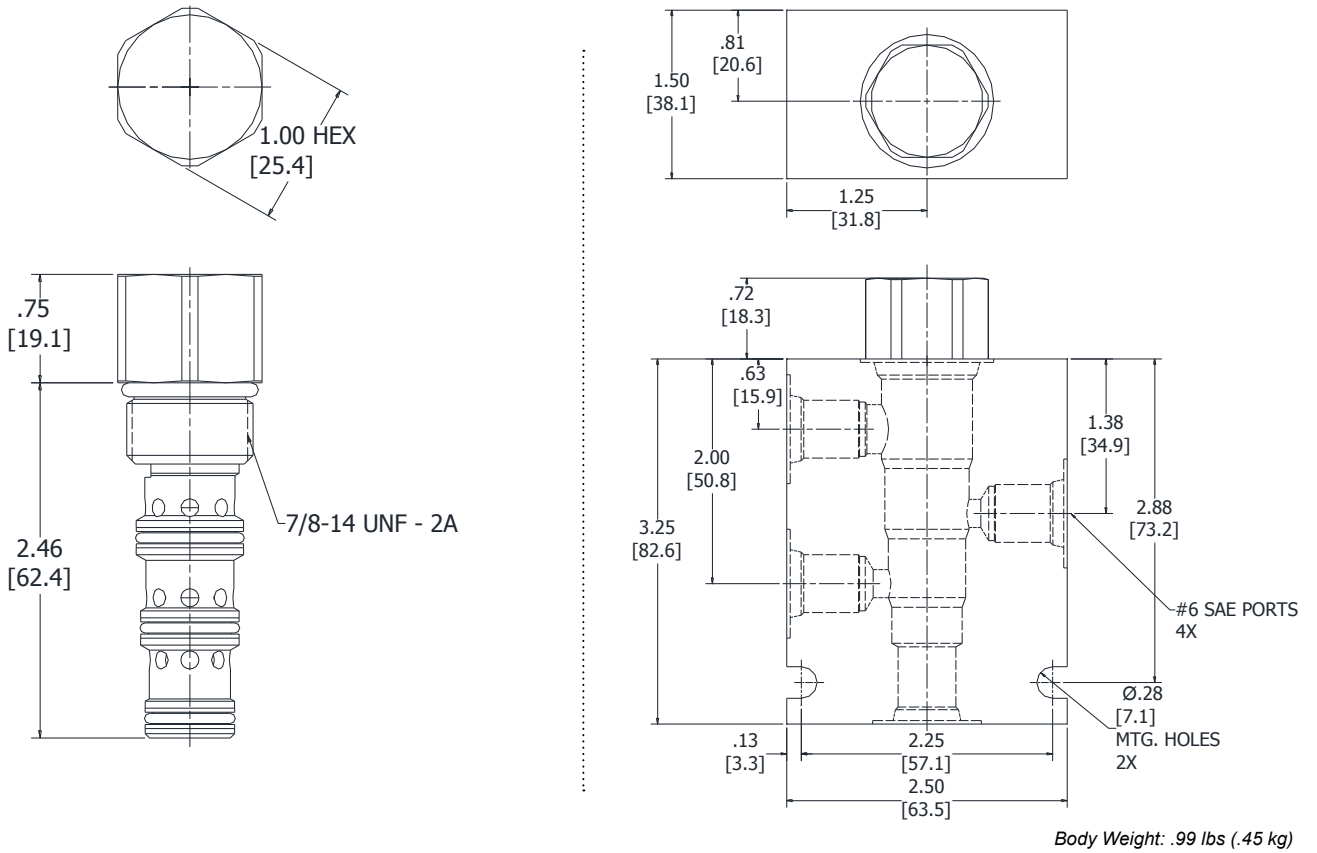


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**DIMENSIONS**



**ORDERING INFORMATION**

<b>DG-PDI</b>	-	-	-	-
	<b>OPTIONS</b>			<b>BODIES</b>
	Buna Standard	<b>00</b>		Blank
	Viton Standard	<b>V0</b>		Without Body
				<b>N</b> 1/4" NPTF Ports
				<b>S</b> #6 SAE Ports
			<b>PRESSURE SETTINGS</b>	
			<b>0055</b>	55 PSI
			<b>0080</b>	80 PSI
			<b>0160</b>	160 PSI

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