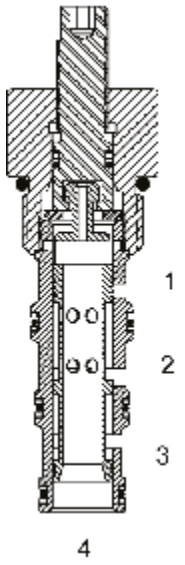
DG-M4C MANUAL ROTARY SPOOL VALVE, 4 WAY 2 POSITION, TANDEM CENTER



DESCRIPTION

10 size, 7/8-14 thread, “Delta” series, 4 way 2 position, manual rotary spool valve tandem center.

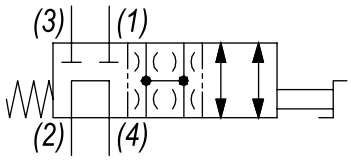
OPERATION

The DG-M4C when rotated fully to clockwise position, the cartridge allows flow from (2) to (4) and blocks flow at (1) and (3). When rotated fully total counterclockwise position, the cartridge allows flow between (2) and (3) and between (1) and (4). All ports are closed in transition.

FEATURES

- Hardened parts for long life.
- Industry common cavity.

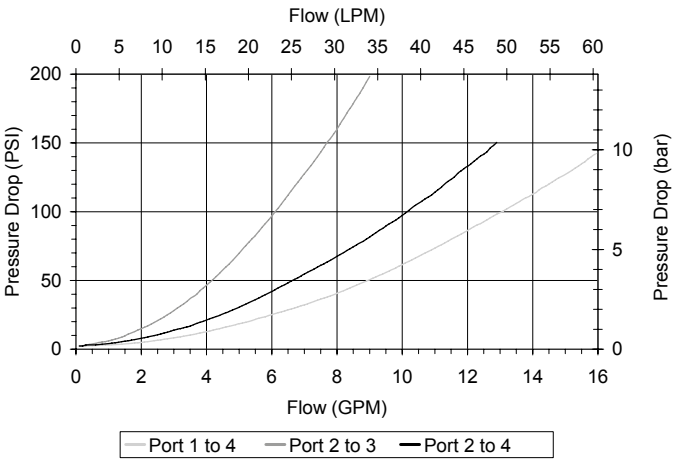
HYDRAULIC SYMBOL



May be used as metering product. Valve has approximately 3.5 turns adjustment from extreme clockwise fully to counterclockwise positions. See chart for fully open and fully closed pressure drop.

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

Nominal Flow	12 GPM (45 LPM) 8 GPM (30 LPM) from (2) to (3)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	5 cu in/min (82 ml/min) per path
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	.52 lbs (.23 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.*

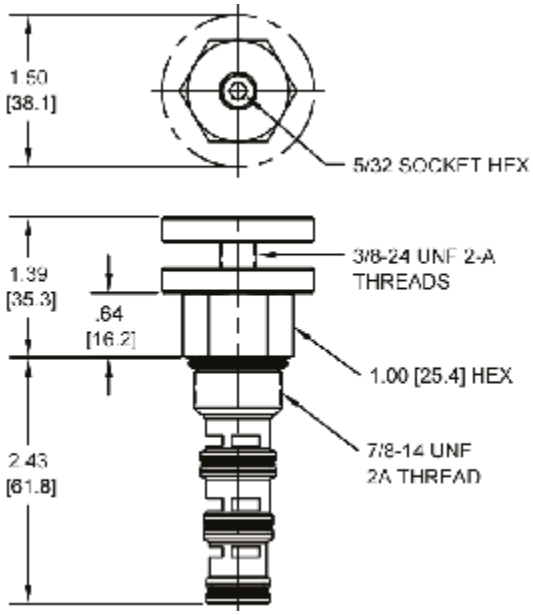
Delta Power Company

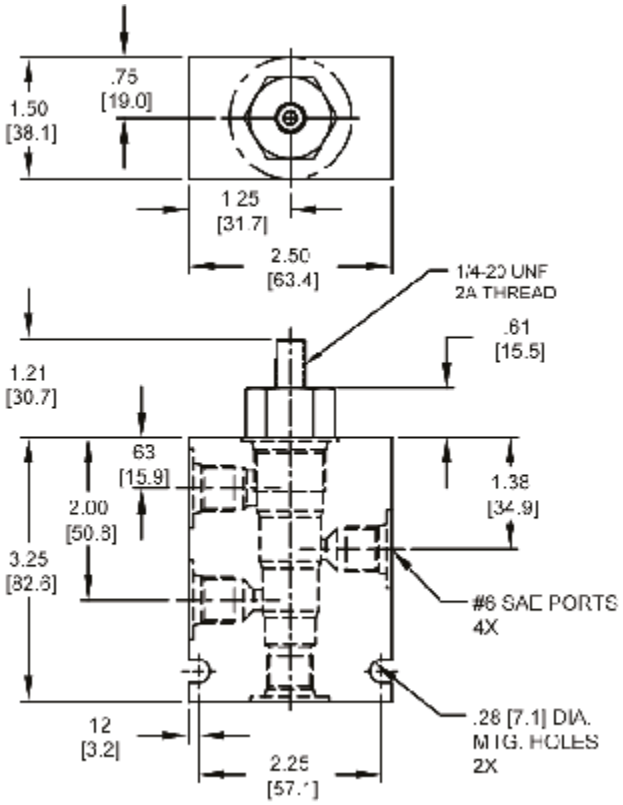
4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • **www.delta-power.com**

TECNORD

Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • **www.tecnord.com**

DIMENSIONS





Body Weight: .99 lbs (.45 kg)

ORDERING INFORMATION

DG-M4C – _____ – _____

OPTIONS		BODIES	
Buna, Standard	**00**	**Blank**	Without Body
Viton, Standard	**V0**	**N**	1/4" NPTF Ports
Buna, Knob	**0K**	**S**	#6 SAE Ports
Viton, Knob	**VK**		

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.*

Delta Power Company

4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • **www.delta-power.com**

TECNORD

Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • **www.tecnord.com**