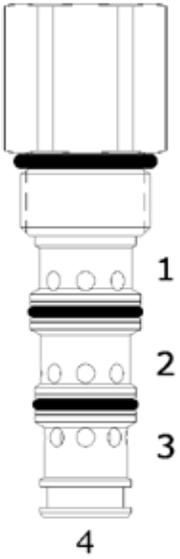


**DG-PSS HOT OIL SHUTTLE VALVE**

**DESCRIPTION**

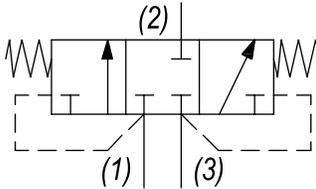
10 size, 7/8-14 thread, "Delta" series, hot oil shuttle valve.

**OPERATION**

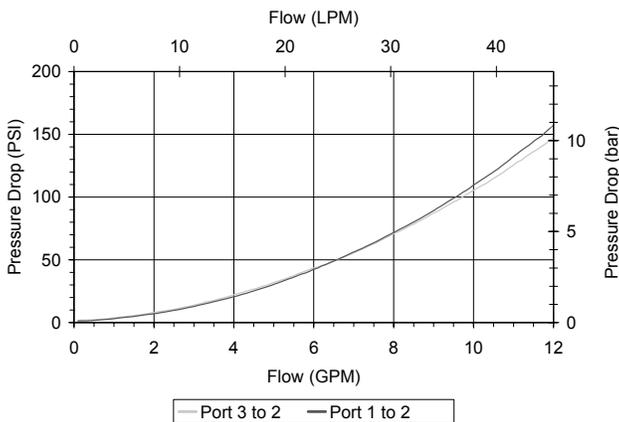
The DG-PSS, with internal piloting at port (1) or (3), oil will flow from the port opposite of the port piloted to port (2), thus removing oil from the low-pressure side for cooling or filtration purposes. The Valve is spring bias neutral, relying solely on the internal pilot pressure signal to shift to either side. The DG-PSS is closed in transition.

**FEATURES**

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

**HYDRAULIC SYMBOL**

**PERFORMANCE**

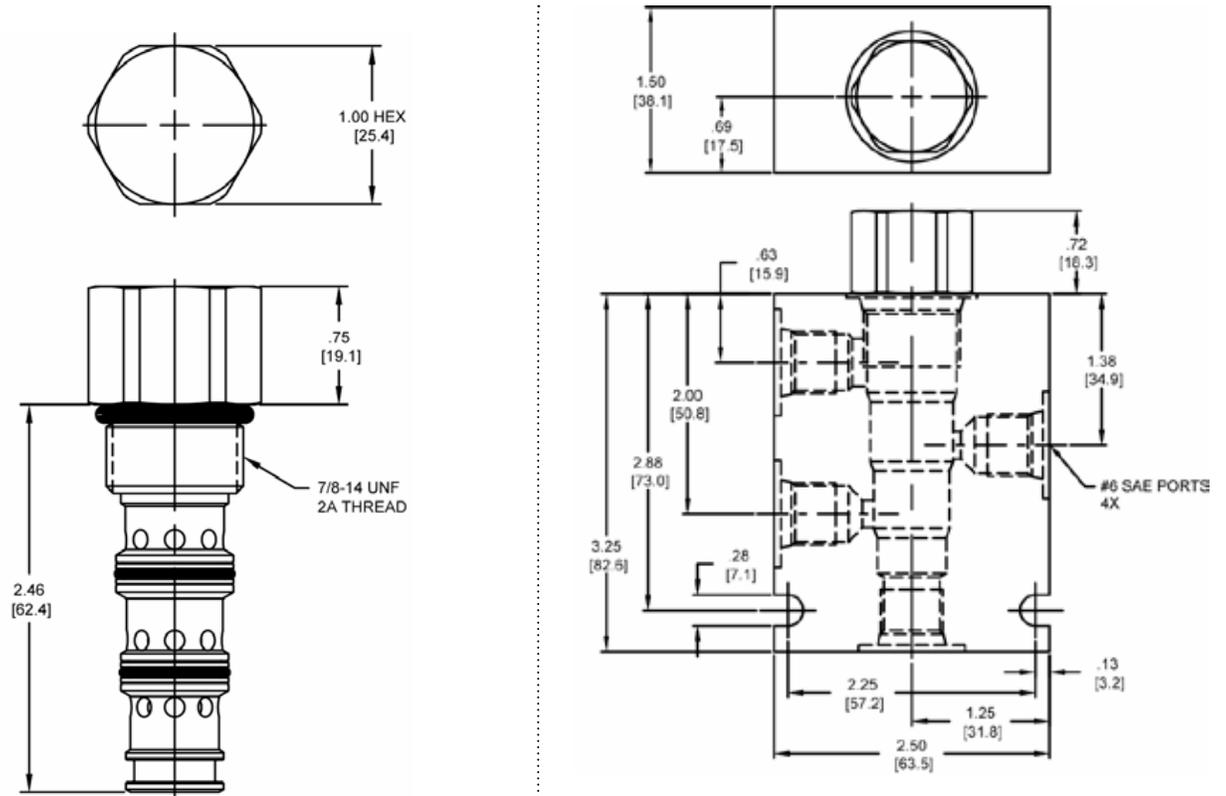
Actual Test Data (Cartridge Only)


**VALVE SPECIFICATIONS**

Nominal Flow	12 GPM (45 LTR/M)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	5 cu/in per/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	.34 lbs (.15 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	21191212

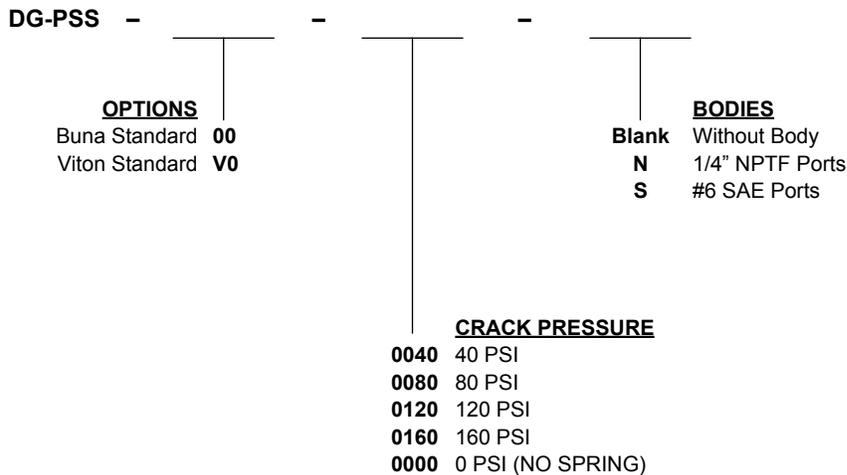
**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

**DIMENSIONS**



Body Weight: .99 lbs (.45 kg)

**ORDERING INFORMATION**



W-51 / 12-2022

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