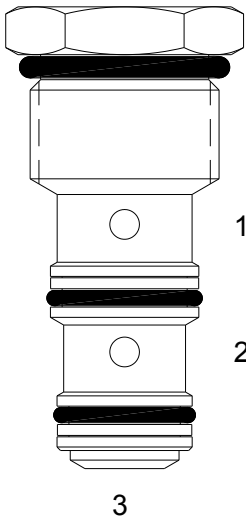


**DF-CSB SHUTTLE VALVE**



**DESCRIPTION**

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

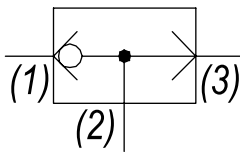
**OPERATION**

The DF-CSB allows flow from the higher pressure of (1) or (3) to (2). The valve is commonly used as a load sense to direct oil from the pressure side of a bidirectional hydraulic motor to a pressure-released hydraulic brake.

**FEATURES**

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

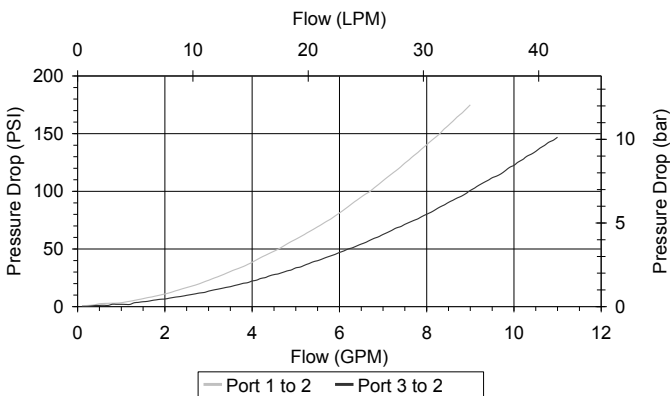
**HYDRAULIC SYMBOL**



*Tangency connections to cavity are not recommended.  
Inlet to port (2) is not recommended.  
Do not use orifice disk under cartridge valve.*

**PERFORMANCE**

Actual Test Data (Cartridge Only)

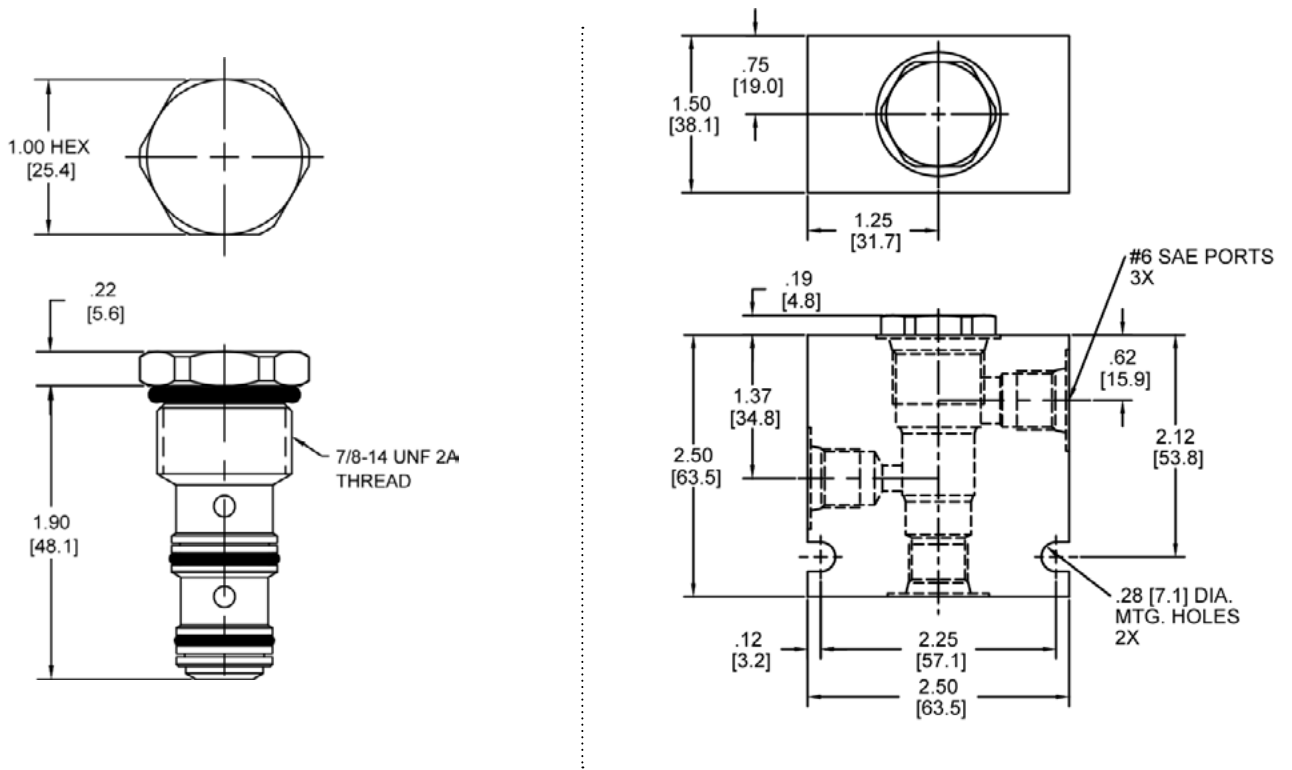


**VALVE SPECIFICATIONS**

Nominal Flow	8 GPM (30 LPM)
Rated Operating Pressure	3500 PSI (241 bar)
Typical Internal Leakage (150 SSU)	1 cu in/min (16 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	.22 lbs (.10 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Cavity	DELTA 3W
Cavity Form Tool (Finishing)	40500001
Seal Kit	21191206

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DIMENSIONS



Body Weight: .76 lbs (.35 kg)

ORDERING INFORMATION

<p><b>DF-CSB</b> -</p>	<p>—</p>	<p>—</p>
<p><b>OPTIONS</b></p> <p>Buna Standard <b>00</b></p> <p>Viton Standard <b>V0</b></p>	<p><b>BODIES</b></p> <p>Blank Without Body</p> <p><b>N</b> 1/4" NPTF Ports</p> <p><b>S</b> #6 SAE Ports</p>	

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