DG-PSS  HOT OIL SHUTTLE VALVE

DESCRIPTION

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.

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

PERFORMANCE
Actual Test Data (Cartridge Only)

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