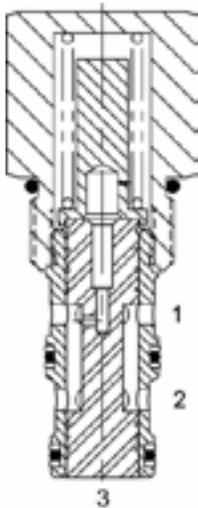


DF-PCS PRESSURE COMPENSATING VALVE, RESTRICTIVE TYPE



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, pressure compensating valve, restrictive type.

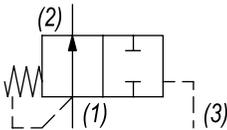
OPERATION

The DF-PCS allows pressure compensated flow from (1) to (2) regulated by the pressure present at (3). The spring chamber is constantly vented at (1).

FEATURES

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

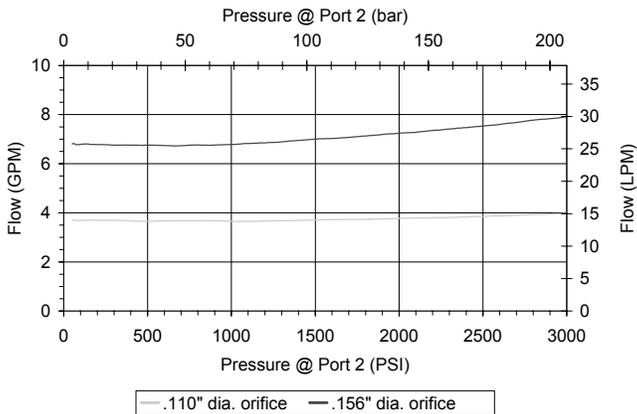
HYDRAULIC SYMBOL



Pressure compensator for flow control, typically used with an external orifice inline with port (1). Port (3) should sense upstream pressure of orifice.

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

| | |
|------------------------------------|----------------------------------|
| Nominal Flow | 10 GPM (38 LPM) |
| Rated Operating Pressure | 3500 PSI (241 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 | .35 lbs (.16 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 | 21191210 |

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.

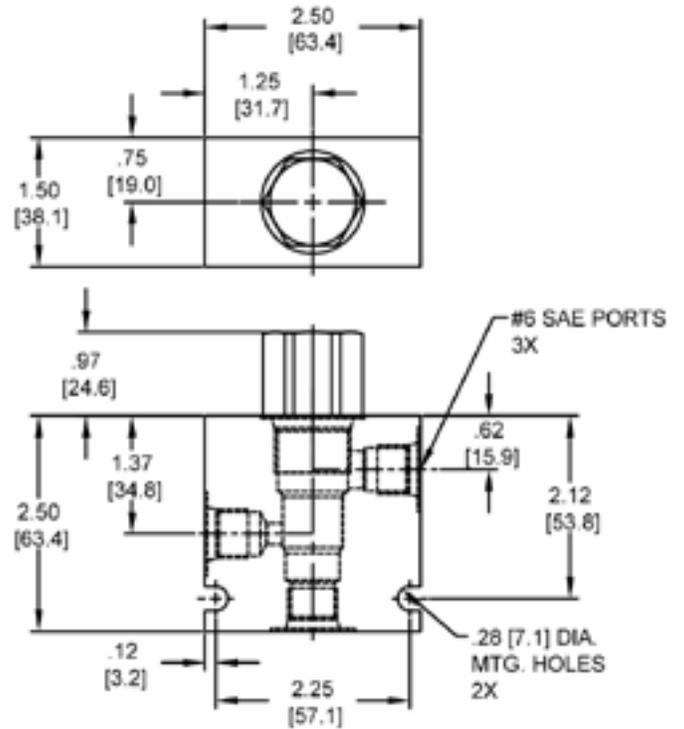
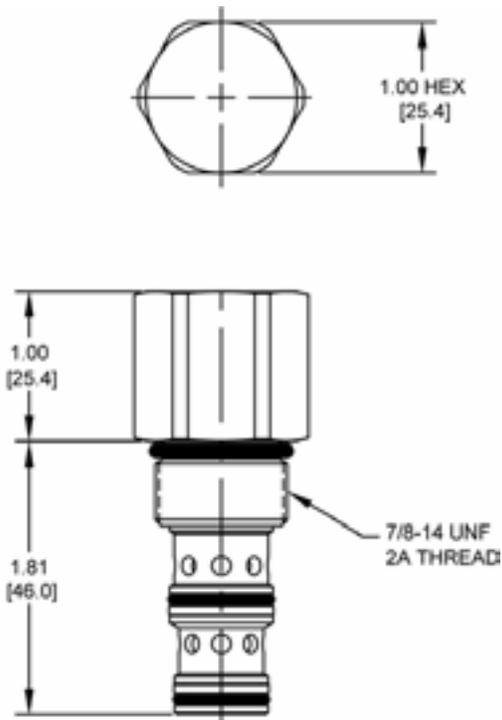


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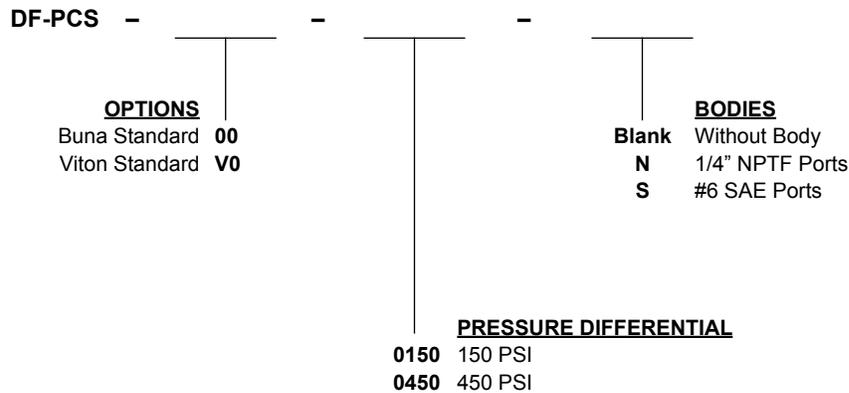
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DIMENSIONS



Body Weight: .76 lbs (.35 kg)

ORDERING INFORMATION



Differential Pressure Across External Controlling Orifice

W 6 / 2020

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