**DF-FCP FIXED PRIORITY FLOW CONTROL VALVE**

**DESCRIPTION**
10 size, 7/8-14 thread, “Delta” series, fixed priority flow control valve.

**OPERATION**
The DF-FCP allows pressure compensated flow from (3) to (1) regulated by the pressure present at (3). Excess flow bypasses out (2). The spring chamber is constantly vented at (1).

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

**HYDRAULIC SYMBOL**
(1) → (2)

**VALVE SPECIFICATIONS**
- Maximum Flow: 10 GPM (38 LPM)
- Rated Operating Pressure: 3000 PSI (207 bar)
- 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: .26 lbs (.12 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

**PERFORMANCE**
Actual Test Data (Cartridge Only)

**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**

![Image of mechanical flow control dimensions]

**ORDERING INFORMATION**

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<thead>
<tr>
<th>DF-FCP</th>
<th>OPTIONS</th>
<th>BODIES</th>
<th>FLOW SETTING</th>
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<tbody>
<tr>
<td></td>
<td>Buna Standard 00 Blank</td>
<td>Viton Standard V0 Without Body</td>
<td>01.0 1 GPM</td>
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<td>02.0 2 GPM</td>
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<td>03.0 3 GPM</td>
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<td>09.0 9 GPM</td>
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<td>#6 SAE Ports S</td>
<td>10.0 10 GPM</td>
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± 15%

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**Body Weight:** 0.76 lbs (0.35 kg)