Gold Series
GPFC11

Priority Flow Control
Pressure Compensated
Adjustable
6 gpm (24 L/min)
T-11A Cavity

Operation
Provides pressure compensated flow to the priority port. Once the priority flow is satisfied all excess flow is available to a secondary circuit, or to tank, through the bypass port. Constant priority flow is maintained regardless of changes in load, inlet pressure or flow. Warning: If priority flow is blocked, the valve will close bypass flow.

Type
Bypass/Restrictive, Fixed Orifice.

Material

Maximum Pressure
5,000 psi (350 bar)

Maximum Inlet Flow
15 gpm (60 L/min)

Priority Flow
Up to 6 gpm (24 L/min)

Fluid
General hydraulic fluid

Cavity
T-11A

Install Torque
30-35 LB-FT (45-50 Nm)

Options
<table>
<thead>
<tr>
<th>GPFC11</th>
<th>F</th>
<th>N</th>
<th>XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic cartridge</td>
<td>F - Fixed</td>
<td>N - Buna-N</td>
<td>Priority Flow Setting</td>
</tr>
<tr>
<td></td>
<td>I - Adjustable, Internal Hex</td>
<td>V - Viton</td>
<td>XX - Flow in gpm</td>
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<tr>
<td></td>
<td>(Adjustment is +/-25% of factory setting)</td>
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<td>(Customer specified)</td>
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<td>Factory Setting: +/-10%</td>
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</tbody>
</table>

Options Legend:
- F: Fixed
- I: Adjustable, Internal Hex
- N: Seals
- V: Viton
- XX: Priority Flow Setting

Typical Performance Graph:
- Primary Flow
  - 0 to 5 GPM
  - Bypass pressure higher than priority
  - Priority pressure higher than bypass
- Pressure
  - 0 to 5,000 psi
  - 0 to 5,000 psi

Diagram:
- Inlet
- Priority
- Bypass
- M20 X 1.5-6G
- 7/8" Hex
- 1.24" ("F")
- 1.38" L.S.
- 2.65" ("I")