**Features**

The Prince valve model RD300 series is a pressure compensated flow divider fitted with free reverse flow check valves. These valves will take one inlet and divide it into two nearly equal outlet flows. (Special ratio spools are available to divide the flow in the ratio specified - in O.E.M. quantities only.)

Because the valve is pressure compensated the division of flow will be maintained in the correct proportion at the outlet ports regardless of different loads, providing the inlet flow is within the range specified for the valve.

Reverse flow of oil through the valve is nor pressure compensated.

**General Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Operating Pressure</td>
<td>207 bar (3000 psi)</td>
</tr>
<tr>
<td>Maximum Inlet Flow</td>
<td>114 l/min (30 gpm)</td>
</tr>
<tr>
<td>Divided Flow Range</td>
<td>15 to 114 l/min (4 to 30 gpm)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.2 kg</td>
</tr>
</tbody>
</table>

**Material Specifications**

- **Housing**: High Tensile Cast Iron
- **Poppet**: Hardened and Ground Steel
- **Seals**: Buna-N

**Standard Features**

- Non Adjustable
- 1/2" NPT (BSPT) Porting
- Flow Range - 30 to 60 l/min (8 to 16 gpm)

**Optional Features**

- 3/4" NPT (BSPT) Porting - Depending on flow range
  - Flow Ranges:
    - 15 to 30 l/min (4 to 8 gpm)
    - 30 to 60 l/min (8 to 16 gpm)
    - 60 to 114 l/min (16 to 30 gpm)
The RD-300AB valve has a built-in automatic bypass. This allows oil to crossover from one outlet to the other when the pressure difference between the two outlet reaches 750 PSI.

**HOW TO ORDER**

- **Model Code**
  - RD 3
  - 50
  - AB
  - 16

- **Flow Range (GPM)**
  - 8 = 4 - 8 GPM
  - *16 = 8 - 16 GPM
  - 30 = 16 - 30 GPM

- **Port Sizes**
  - 37 = 3/8" NPT
  - *50 = 1/2" NPT
  - 75 = 3/4" NPT

- **Automatic By-pass Check Valves Fitted**
  - *Standard
  - *Omit - Without