**MODEL RD-1800 PRESSURE RELIEF**

**MODEL RD-900 SELECTOR VALVE**

**MODEL RD-1800**  
**BALL/SPRING TYPE**  
**DIRECT ACTING RELIEF**

The PRINCE valve model RD-1800 is a direct acting ball/spring type pressure relief. The valve is compact and simple in design. This type relief is fast opening and is well suited for pressure spike protection. The performance curves below indicate the low cracking pressure typical to ball/spring reliefs. Please refer to the model RV relief for a system pressure relief. The valve is available with a standard steel seat, model RD-1800S, or with a hardened seat, model RD-1800H. Both models are externally adjustable.

**VALVE SPECIFICATIONS:**
- Capacity: 20 gpm max inlet flow
- Pressure: 2500 psi max
- Weight: 2 lb.
- Adjustment Range: 1000 PSI to 2500 PSI

**STANDARD MODELS AVAILABLE**

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>PORT SIZES</th>
<th>MAX FLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD-1837S</td>
<td>3/8 NPTF</td>
<td>8 GPM</td>
</tr>
<tr>
<td>RD-1850H</td>
<td>1/2 NPTF</td>
<td>16 GPM</td>
</tr>
<tr>
<td>RD-1850S</td>
<td>1/2 NPTF</td>
<td>16 GPM</td>
</tr>
<tr>
<td>RD-1875S</td>
<td>3/4 NPTF</td>
<td>20 GPM</td>
</tr>
</tbody>
</table>

**NOTE:** Relief settings are 1500 PSI @ 12 GPM. For non-standard relief settings specify PSI in hundreds and GPM after model number.

**EX:** RD-1850S-12-10 for 1200 PSI @ 10 GPM

**MODEL RD-900**  
**SELECTOR VALVE**

The PRINCE valve model RD-900 is a manual 3-way 2-position selector valve. This valve will allow one pump source to supply two separate circuits. Pushing the handle in diverts oil flow to port away from handle. Pulling the handle out diverts oil flow to port nearest handle.

**VALVE SPECIFICATIONS**
- Capacity: 30 gpm max inlet flow
- Pressure: 3000 psi max
- Weight: 7 lbs.

**STANDARD MODELS**

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>PORT SIZES</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD-950</td>
<td>1/2 NPTF</td>
</tr>
<tr>
<td>RD-975</td>
<td>3/4 NPTF</td>
</tr>
</tbody>
</table>

**SEAL KIT 660590025**

**SEE PAGE 23 OF THE STANDARD PRODUCT PRICE LIST FOR PRICING**