series Q-03 relief valve

6100 psi, 30 Gpm max
pilot operated spool type

536 TOWNSHIP LINE ROAD
FLUID TECHNOLOGY ANNEX
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**TECHNICAL DATA**

- Maximum operating pressure: 6100 psi
- Maximum Flow: 30 gpm
- Maximum leakage: 6 in³/min at 90% of setting
- Operating Temperature Range: -22°F to 230°F
- Viscosity: 60-1800 SSU hydraulic oil with lubricating properties
- Orientation: Optional
- Installation Torque: 40-45 foot pounds
- Weight: 0.43 pounds
- Pressure on port 2 (tank port) is directly additive to the valve setting at a 1:1 ratio.
- Steel construction
- Zinc Plated

**DIMENSIONS**

<table>
<thead>
<tr>
<th>4 mm HEX</th>
<th>13 mm HEX</th>
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<tbody>
<tr>
<td>1.84</td>
<td>24 mm HEX</td>
</tr>
<tr>
<td>1.24</td>
<td>7/8-16 UNF</td>
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</tbody>
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**ORDERING INFORMATION**

- **TYPE**
  RVCP - PILOT OPERATED RELIEF VALVE
- **CAVITY**
  SAE10
- **SEALS**
  N - BUNA
  V - VITON

**RVCP - S10 - N X - 2000**

**VALVE SETTING**

- STANDARD SETTING
  1500, 2000, 2500, 3000, 4000, 5000 PSI

**ADJUSTMENT RANGE**

- X = 300 - 4100 PSI
- Z = 4100 - 6100 PSI
  (NON STANDARD RANGE)

**PRESSURE DROP DATA**

(Note: Curves shown at maximum setting for each spring)