**HE-RWP**  RAPID RESPONSE, PILOT OPERATED RELIEF VALVE

**DESCRIPTION**

**OPERATION**
The HE-RWP blocks flow from (2) to (1) until sufficient pressure is present at (2) to force the pilot stage open, allowing the main stage to shift, opening (2) to (1).

**FEATURES**
- High pressure valve.
- Hardened parts for long life.
- Industry common cavity.
- Rapid response to sudden pressure application.
- Excellent regulation of pressure with flow (low override).

**HYDRAULIC SYMBOL**

This is a rapid response, high pressure relief valve with excellent high flow regulation. Consult factory for higher flow capacity cavity option.

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

**VALVE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Flow</td>
<td>40 GPM (151 LPM)</td>
</tr>
<tr>
<td>Rated Operating Pressure</td>
<td>5000 PSI (345 bar)</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>36 to 3000 SSU (3 to 647 cSt)</td>
</tr>
<tr>
<td>Filtration</td>
<td>ISO 18/16/13</td>
</tr>
<tr>
<td>Media Operating Temp. Range</td>
<td>-40° to 250°F (-40° to 120°C)</td>
</tr>
<tr>
<td>Weight</td>
<td>.53 lbs (.24 kg)</td>
</tr>
<tr>
<td>Operating Fluid Media</td>
<td>General Purpose Hydraulic Fluid</td>
</tr>
<tr>
<td>Cartridge Torque Requirements</td>
<td>30 ft-lbs (40.6 Nm)</td>
</tr>
<tr>
<td>Cavity</td>
<td>DELTA 2W</td>
</tr>
<tr>
<td>Cavity Form Tool (Finishing)</td>
<td>40500000</td>
</tr>
<tr>
<td>Seal Kit</td>
<td>21191200</td>
</tr>
</tbody>
</table>

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DIMENSIONS

ORDERING INFORMATION

HE-RWP  -          -          -

OPTIONS
Buna Standard 00
Viton Standard V0
Buna, Knob OK
Viton, Knob VK
Buna, Internal Adjust 0I
Viton, Internal Adjust V1
Buna, Tamper Proof 0T
Viton, Tamper Proof VT

BODIES
Consult Factory

PRESSURE RANGE/SETTING
5000 1000 - 5000 PSI

Tamper Proof
Fill in 4 Digit Pressure Setting
Example: 1500 - 1500 PSI

WARNING
DO NOT USE ALUMINUM BODY
HIGH PRESSURE (5000 PSI) PRODUCT

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