**1,500 BAR (21,750 PSI) SUBSEA & LARGE TENSIONER APPLICATIONS**

High flow tension pump. Corrosion resistant frame works well for applications near salt water. High flow ideal for subsea applications where compressed air is the required power source.

**Quality means Lower Life-Cycle Costs:**
- Over 100,000 cycles
- Continuous duty up to 50°C (122°F) ambient
- Proven design = Proven reliability

**Enhanced Usability:**
- Calibrated 150 mm (6”) Pressure Gauge
- Dual oil outlets with quick-connect, no spill couplings
- Pneumatic Filter/Regulator/Lubricator included
- Stainless Steel carrying frame

**Designed with Safety in Mind:**
- Easily adjusted pressure regulator valve
- Air pressure safety relief valve
Specifications and Dimensional Data

Size (L x W x H): 46 cm x 53 cm x 52 cm
17.9” x 20.8” x 15.3”

Weight: 23 kg (51 lb) [without oil]

Maximum Oil Capacity: (vented reservoir)
9.5 L (2.5 Gallons) [to fill line]
9.4 L (2.5 Gallons) [usable]

Operating Environment: -25°C to +50°C
(-13°F to +122°F)
(When operating near temperature extremes, it is
recommended to use hydraulic oils that are rated
for those temperatures. Refer to service manuals
and cooling options)

Sound Level: 85 dBA (max)

Pressure: 0 - 1,500 bar (0 - 21,750 psi)

Typical Flow: 1.15 L/min - 0.50 L/min
(70 in³/min - 31 in³/min)

Air: 1.42 m³/min @ 5.5 bar (52 cfm @ 80 psi)
1.53 m³/min @ 6.2 bar (54 cfm @ 90 psi)
1.60 m³/min @ 6.9 bar (56 cfm @ 100 psi)

* Values shown are with filter/regulator/lubricator.
Values will increase without filter/regulator/
lubricator.

Hydraulic Oil Delivery

<table>
<thead>
<tr>
<th>Pressure</th>
<th>@ 5.5 bar</th>
<th>@ 4.1 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>@ 100 psi</td>
<td>@ 60 psi</td>
</tr>
<tr>
<td>750 psi</td>
<td>68 in³/min (1.11 L/min)</td>
<td>59 in³/min (0.97 L/min)</td>
</tr>
<tr>
<td>(51 bar)</td>
<td>63 in³/min (1.04 L/min)</td>
<td>(0.97 L/min)</td>
</tr>
<tr>
<td>2,500 psi</td>
<td>63 in³/min (1.03 L/min)</td>
<td>53 in³/min (0.87 L/min)</td>
</tr>
<tr>
<td>(175 bar)</td>
<td>(0.97 L/min)</td>
<td>(0.87 L/min)</td>
</tr>
<tr>
<td>5,000 psi</td>
<td>56 in³/min (0.91 L/min)</td>
<td>45 in³/min (0.74 L/min)</td>
</tr>
<tr>
<td>(350 bar)</td>
<td>(0.97 L/min)</td>
<td>(0.74 L/min)</td>
</tr>
<tr>
<td>10,000 psi</td>
<td>46 in³/min (0.78 L/min)</td>
<td>36 in³/min (0.59 L/min)</td>
</tr>
<tr>
<td>(689 bar)</td>
<td>(0.72 L/min)</td>
<td>(0.59 L/min)</td>
</tr>
<tr>
<td>15,000 psi</td>
<td>40 in³/min (0.66 L/min)</td>
<td>24 in³/min (0.39 L/min)</td>
</tr>
<tr>
<td>(1,000 bar)</td>
<td>(0.63 L/min)</td>
<td>(0.39 L/min)</td>
</tr>
<tr>
<td>21,750 psi</td>
<td>31 in³/min (0.51 L/min)</td>
<td>-</td>
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<tr>
<td>(1,500 bar)</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

Ordering Information

Order No. Description
HPUTP150002K 1,500 Bar High Flow Tensioner Pump