1,500 BAR (21,750 PSI) TOPSIDE BOLT TENSIONER & HYDRAULIC NUT PUMP

Standard flow tension pump. Corrosion resistant frame works well for applications near salt water. Standard flow ideal for land based (topside) tension applications where the required power source is compressed air.

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): 42 cm x 42 cm x 39 cm
16.5" x 16.5" x 15.5"

Weight: 21 kg (46 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: 0.72 L/min - 0.28 L/min
(44 in³/min - 17 in³/min)

Air: 0.68 m³/min @ 5.5 bar (24 cfm @ 80 psi)
0.74 m³/min @ 6.2 bar (26 cfm @ 90 psi)
0.80 m³/min @ 6.9 bar (28 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>Flow at 60 psi</th>
<th>Flow at 80 psi</th>
<th>Flow at 100 psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>750 psi</td>
<td>41 in³/min</td>
<td>38 in³/min</td>
<td>33 in³/min</td>
</tr>
<tr>
<td>2,500 psi</td>
<td>35 in³/min</td>
<td>33 in³/min</td>
<td>27 in³/min</td>
</tr>
<tr>
<td>5,000 psi</td>
<td>27 in³/min</td>
<td>25 in³/min</td>
<td>21 in³/min</td>
</tr>
<tr>
<td>10,000 psi</td>
<td>23 in³/min</td>
<td>21 in³/min</td>
<td>16 in³/min</td>
</tr>
<tr>
<td>15,000 psi</td>
<td>20 in³/min</td>
<td>18 in³/min</td>
<td>9 in³/min</td>
</tr>
<tr>
<td>21,750 psi</td>
<td>15 in³/min</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Ordering Information

Order No.      Description
HPUTP150001K  1,500 Bar Standard Flow Tensioner Pump