HYDRAULIC SUBMERSIBLE PUMPS

DYNASET hydraulic submersible pumps are designed for fast and efficient pumping of water and other liquid media. Due to the wear-resistant materials of volute and impeller, DYNASET submersible pumps are a perfect choice when pumping media, containing solids. The simple construction of a pump ensures the reliability and ease of handling in any working conditions. Hydraulic motor is placed on a pump shell in order to protect it against accidental impacts.

The HSP range of DYNASET submersible pumps can operate practically on any source of hydraulic power.

APPLICATIONS

Sewage and Slurries
Civil Engineering
Agriculture
Quarries
Emergency Pumping

**FEATURES**

**Performance**
high volume, high head, variable speed impeller

**Portable**
easily moved, especially for mobile installations

**Safe**
no risk of electric shock

**Runs dry**
self-lubrication with hydraulic oil

**Connection**
quick release coupling for discharge hose

![Graph showing delivery vs head for HSP-1, HSP-2, and HSP-3]

**DELIVERY**

x 1000 l/min

**HEAD**

m

**HYDRAULIC REQUIREMENTS**

oil flow max l/min

pressure max bar

hydraulic connections

pressure

return

overflow

**OUTLINE DIMENSIONS**

width mm

height mm

**WEIGHT**

hoses kg

excluded

<table>
<thead>
<tr>
<th>DYNASET SUBMERSIBLE PUMPS</th>
<th>DELIVERY</th>
<th>HEAD</th>
<th>DISCHARGE HOSE</th>
<th>HYDRAULIC REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>l/min</td>
<td>m</td>
<td></td>
<td>oil flow max</td>
</tr>
<tr>
<td>HSP 1500/5-40</td>
<td>max</td>
<td>max</td>
<td>3&quot;</td>
<td>40</td>
</tr>
<tr>
<td>HSP 4000/5-70</td>
<td>2000</td>
<td>25</td>
<td>4&quot;/6&quot;</td>
<td>70</td>
</tr>
<tr>
<td>HSP 8000/5-150</td>
<td>5000</td>
<td>29</td>
<td>6&quot;</td>
<td>150</td>
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<tr>
<td></td>
<td>10000</td>
<td>36</td>
<td>6&quot;</td>
<td>150</td>
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</tbody>
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Operation temperature: - 30 ... + 70 °C.
Thermal endurance upto + 120 °C with special seals (optional).