Type W30, W40

STRUCTURAL FEATURES:
- Two staged, vertical construction with two-throw crankshaft, trunk pistons, exchangeable, dry cylinder liners

VALVES:
- Combined suction and pressure valves for both stages

WATER COOLING
INTERCOOLER AND AFTERCOOLER:
- Built-in tubular coolers

FORCE FEED LUBRICATION:
- Gear pump directly driven by the crankshaft
- Oil pressure control by means of pressure gauge and pressure switch
- Oil level inspection glass

BEARINGS:
- Crankshaft (pump): Slide bearings
- Crankshaft (flywheel): Roller bearings
- Connecting rod: Slide bearings
- Wrist pin 1st stage: Slide bearings
- Wrist pin 2nd stage: Roller bearings
## Type W30, W40

### Table

<table>
<thead>
<tr>
<th>Type</th>
<th>Cylinders</th>
<th>Stage</th>
<th>Speed (r.p.m)</th>
<th>F.A.D. m³/h</th>
<th>Power kW</th>
<th>Weight incl. e-motor approx. kg</th>
<th>Dimensions A</th>
<th>Dimensions B</th>
<th>Dimensions C</th>
</tr>
</thead>
<tbody>
<tr>
<td>W30</td>
<td>2</td>
<td>2</td>
<td>1150</td>
<td>23.2</td>
<td>4.8</td>
<td>230</td>
<td>980</td>
<td>545</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1450</td>
<td>28.7</td>
<td>6.1</td>
<td></td>
<td>980</td>
<td>545</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1750</td>
<td>33.5</td>
<td>7.5</td>
<td></td>
<td>980</td>
<td>545</td>
<td>700</td>
</tr>
<tr>
<td>W40</td>
<td>2</td>
<td>2</td>
<td>1150</td>
<td>31</td>
<td>6.3</td>
<td>260</td>
<td>1055</td>
<td>545</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1450</td>
<td>38.5</td>
<td>8.2</td>
<td></td>
<td>980</td>
<td>545</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1750</td>
<td>47</td>
<td>10</td>
<td></td>
<td>980</td>
<td>545</td>
<td>700</td>
</tr>
</tbody>
</table>

All data apply to a final pressure of 30 bar. The right for alteration of specification and data to incorporate improvements in design is reserved.

---

Motor 1

Flywheel and coupling 2

Solenoid valve for draining 3

Non-return valve 4

Pressure switch 5

Oil and water separator 6

Flexible hoses 7

Cooling water temperature control switch 8

Illustrations, technical data, weights and dimensions are subject to alteration without previous notice.