Type L50, L80II

STRUCTURAL FEATURES:
- **L50**: Two staged cylinders in W-arrangement with one-throw crankshaft, single acting trunk pistons
- **L80II**: Two staged, opposed cylinder type with four-throw crankshaft, single action trunk pistons
  - **1st stage**: 2 cylinders (L50), 3 cylinders (L80II)
  - **2nd stage**: 1 cylinder

VALVES:
- Combined suction and pressure valves for both stages

AIR COOLING:
- By axial fan directly driven by the crankshaft

INTERCOOLER AND AFTERCOOLER:
- Finned pipes

FORCE FEED LUBRICATION:
- Gear pump driven by the crankshaft by means of gear wheel
- Oil pressure control by means of pressure gauge and pressure switch
- Oil level inspection glass
- Crankcase venting from oil filler to air suction filter

BEARINGS:
- **Crankshaft**: Slide bearings
- **Connecting rod**: Slide bearings
- **Wrist pin 1st stage**: Slide bearings
- **Wrist pin 2nd stage**: Needle bearings
Type L50, L80II

<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. s-motor approx. kg</th>
<th>Dimensions A</th>
<th>Dimensions B</th>
<th>Dimensions C</th>
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<tbody>
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<td>3</td>
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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.