Compact Horizontal Multi-stage Pumps

GRUNDFOS CM/CME

The Grundfos CM range of horizontal multi-stage pumps provide a compact, reliable and quiet solution designed to work on a variety of applications. While CM pumps are fitted with mains-operated motors, the CME incorporates a motor with an integrated frequency converter and PID controller.

Key Features and Benefits

• Nordlock© washer ensures secure clamping of pump impellers and provides quick and easy assembly and disassembly
• Grundfos designed mechanical o-ring shaft seal offers superior dry running capabilities and reduced sticking problems
• Encapsulated sleeve o-ring design retains o-ring when temperature change causes expansion and contraction
• Labyrinth seal provides protection for motor bearings and reduces maintenance
• Rotation indicator allows you to quickly check if 3-phase electrical connection is correct; indicator shows black if correct, white if incorrect
• Filling plug is sealed by o-ring for easy maintenance
• CME option with integrated pump, motor and variable frequency drive delivers a plug and pump solution
• Materials of construction include ASTM A48 cast iron, AISI 304 stainless steel and AISI 316 stainless steel

APPLICATIONS

• Washing and cleaning
• Temperature control
• Water treatment
• Chemical and pharmaceutical industries
• Building services
• Irrigation
CM/CME Technical Data

<table>
<thead>
<tr>
<th>CM/CME Information</th>
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<tbody>
<tr>
<td>Flow, Q:</td>
<td>max. 160 gpm (36 m³/h)</td>
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<td>Head, H:</td>
<td>max. 393 ft (120 m.)</td>
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<td>Liquid temp:</td>
<td>-22°F to +248°F (-30°C to +120°C)</td>
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<td>Operating Pressure:</td>
<td>max. 232 psi (16 bar)</td>
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<tr>
<td>Power:</td>
<td>0.3 to 8.4 hp (22 to 6.6 kW)</td>
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CM, CME
60 Hz
ISO 9906 Annex A