All you’ve ever wanted, IN A SIZE YOU APPRECIATE
Designed to make a Difference

Simply Necessary
Innovation is at the heart of all Grundfos product solutions and the CM/CME is no exception. This horizontal multi-stage pump is a compact, reliable and quiet pump solution from Grundfos.

Compactness
Reduce the footprint, keep the performance. Advanced processes and technologies in the design give the CM/CME pump a dimensional advantage.

Reliability
From end to end, Grundfos’ proven quality and attention to detail is the difference between the CM/CME and competing pump solutions.

Grundfos has created a robust design to ensure secure clamping of the pump impellers by using the Nordlock© washer.

The Grundfos engineered shaft seal has been designed to eliminate industry-wide problems with shafts seals sticking where SIC-SIC seal faces are used. The solution builds on both the implementation of a rotation stop on the stationary ring and different surface finishing on both the stationary and rotating rings.

Flexibility
The Grundfos CM/CME is designed to be used in a variety of applications, including:

• Washing & cleaning
• Water treatment
• Pharmaceutical industries
• Building services
• Irrigation

Materials of construction:
• ASTM A48 Cast Iron
• AISI 304 Stainless Steel
• AISI 316 Stainless Steel

The CM/CME pump has an integrated variable frequency drive and PLC which provides a wide range of unique benefits:

• Energy consumption reduced by up to half compared to fixed speed pumps
• The pump, motor and VFD is a compact system manufactured by Grundfos
• Reduced installation and wiring costs
• Easy installation
• The functionalities are designed for specific pump applications
• Wide range of control parameters

CM/CME Technical Data

<table>
<thead>
<tr>
<th>Power</th>
<th>Temperature</th>
<th>Flow</th>
<th>Pressure</th>
<th>Standard Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3 to 8.4 HP</td>
<td>20ºF to 320ºF</td>
<td>1 to 140 GPM</td>
<td>Max Head: 370 psi (193 ft) Max</td>
<td>1” NPT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Operating: 232 psi</td>
<td>1 1/2” NPT 2” NPT</td>
</tr>
</tbody>
</table>

Rotation Indicator
Quickly check if 3-phase electrical connection is correct. Indicator shows black if correct; white if incorrect.

DIN, ANSI & JIS Flange Adapter
Tri-Clamp Adapter
Victaulic Coupling Adapter

Filling Plug
Sealed by o-ring for easy maintenance.

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.

CME Plus pump for constant pressure control
The CME Plus utilizes a "plug and pump" technology. The CME Plus pump with pressure sensor is pre-programmed for operation. The only set up required at commissioning is to adjust the setpoint pressure.
THE GRUNDFOS CM/CME PUMP

Innovation is at the heart of all Grundfos product solutions and the CM/CME is no exception. This horizontal multi-stage pump is a compact, reliable and quiet pump solution from Grundfos.

The Grundfos CM/CME is designed to be used in a variety of applications including:
- Washing & cleaning
- Temperature control
- Water treatment
- Chemical and Pharmaceutical industries
- Building Services
- Irrigation

Three main models are offered, with a number of variants available through optional components. These main models are constructed in:
- Cast iron ASTM A48: Class 30B/EN-JL 1030
- AISI304/DIN 1.4301 Stainless Steel
- AISI316/DIN 1.4401 Stainless Steel.