C PG
Side Entry Agitator

APPLICATION

For the winemaking industry.
Maintenance of solids in suspension.
Coupage (wine blending).
Gasification (SO₂ and CO₂).
Temperature homogenisation.

OPERATING PRINCIPLE

The design of the agitator is based on the shaft that slides through a full bore valve into the tank and a propeller that opens automatically when started. The agitator shaft is provided with a C/St/St/EPDM mechanical seal.

DESIGN AND FEATURES

The CPG agitators are designed for installation in tanks full of product by means of a full bore valve without losing product and without special tools.
The standard mixing element is folding propeller type 12.
Electric motor 3 ph, 400 V, 50 Hz, IP 55, 1450 rpm.
Manual deaeration valve.
Standard connections DIN 11851.
CLAMP OD connection:
    motor: 3 ph, 230 V, 460 V, 60 Hz, IP 55, 1700 rpm

OPTIONS

Valve for product injection, drainage or sampling.
Mechanical seal TuC/TuC/FPM.
Stainless steel trolley.
Control panel and protection in compliance with the EC standards.
Female connection to the motor.
Special shaft length.
Different types of connections.
TECHNICAL SPECIFICATIONS

Materials

- Parts in contact with the product: 1.4404 (AISI 316L)
- Seals: EPDM
- Mechanical seal: C/StSt/EPDM
- Surface finish: matt

<table>
<thead>
<tr>
<th>Model</th>
<th>Power [kW]</th>
<th>Speed [rpm]</th>
<th>Tank volume [m³]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>50 Hz</td>
<td>60 Hz</td>
</tr>
<tr>
<td>CPG-211A</td>
<td>1.1</td>
<td>1400 / 1700</td>
<td>0 - 20</td>
</tr>
<tr>
<td>CPG-211B</td>
<td>1.1</td>
<td>1400</td>
<td>25 - 50</td>
</tr>
<tr>
<td>CPG-330</td>
<td>3</td>
<td>1400 / 1700</td>
<td>50 - 100</td>
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</tbody>
</table>

Dimensions

DIN NUT - 50 Hz

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>ØDN</th>
<th>Ød</th>
<th>ØE</th>
<th>F</th>
<th>G</th>
<th>ØH</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPG-211A</td>
<td>425</td>
<td>960</td>
<td>495</td>
<td>50</td>
<td>18</td>
<td>180</td>
<td>100</td>
<td>140</td>
<td>155</td>
<td>90</td>
<td>290</td>
<td>246</td>
<td>950</td>
<td>19</td>
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<tr>
<td>CPG-211B</td>
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<td>960</td>
<td>495</td>
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<td>180</td>
<td>100</td>
<td>140</td>
<td>166</td>
<td>90</td>
<td>290</td>
<td>246</td>
<td>950</td>
<td>19</td>
</tr>
<tr>
<td>CPG-330</td>
<td>465</td>
<td>1175</td>
<td>580</td>
<td>65</td>
<td>25</td>
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<td>160</td>
<td>200</td>
<td>100</td>
<td>320</td>
<td>298</td>
<td>1145</td>
<td>42</td>
</tr>
</tbody>
</table>

Dimensions in mm

CLAMP OD - 60 Hz

<table>
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<tr>
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<th>A</th>
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<th>C</th>
<th>ØDN</th>
<th>Ød</th>
<th>ØE</th>
<th>F</th>
<th>G</th>
<th>ØH</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>Weight (kg)</th>
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</thead>
<tbody>
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<td>1175</td>
<td>580</td>
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Dimensions in mm