CWM - CONDENSATION WATER MONITOR

Monitoring and Control Systems

For many years now, Jowa has been a trusted and reliable supplier of technical environmental protection equipment to the shipping industry. We can offer every conceivable service for installation supervision, operation, monitoring and control of Jowa's equipment. You can choose between our own personnel or one of our trained representatives all over the world.

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CONTROLS YOUR DISCHARGE

The Condensation Water Monitor has the advantage to monitor and control the discharge of condensation water to prevent any accidental oil discharge.

All data is logged and stored in the OCM. This gives the operator full control over the discharge.

Log functions

- Time and date of discharge
- ppm value
- Alarm status

The log data is stored internally for a minimum of 18 months in the Oil content meter.

The CWM is equipped with a display window for overview, information, status indication and adjustments.

Technical Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
<th>Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity:</td>
<td>3m³/h</td>
<td>Type: Mono screw pump Cgh</td>
</tr>
<tr>
<td>Voltage:</td>
<td>440 VAC 50/60Hz</td>
<td>Flow rate: 3m³/h</td>
</tr>
<tr>
<td>Power consumption:</td>
<td>&lt;650W</td>
<td>Weight: 21kg</td>
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<tr>
<td>Operating temperature:</td>
<td>1-60°C</td>
<td>Suction: Max 4,5m lift capacity</td>
</tr>
<tr>
<td>Test pressure:</td>
<td>4 bar</td>
<td>Voltage: 380-440 VAC</td>
</tr>
<tr>
<td>Working pressure:</td>
<td>1-2 bar</td>
<td>Frequency: 50-60Hz</td>
</tr>
<tr>
<td>Air supply:</td>
<td>6-8 bar</td>
<td>Power Consumption: 0,55 / 0,63 KW</td>
</tr>
<tr>
<td>Dimensions Unit:</td>
<td>See Mechanical Drawings Chapter 7</td>
<td>R.P.M.: 1240 / 1500</td>
</tr>
<tr>
<td>Pipe connection sample line:</td>
<td>DN 15</td>
<td>Protection class: IP 55</td>
</tr>
<tr>
<td>Dimension inlet &amp; outlet:</td>
<td>R ¼” Female</td>
<td>Thermal insulation class: F</td>
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<tr>
<td>Empty weight:</td>
<td>38kg</td>
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<tr>
<td>IP Class:</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>Colour:</td>
<td>RAL 7032 (control cabinet)</td>
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<tr>
<td>Alarm:</td>
<td>Potential free contact no/nc</td>
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</tr>
<tr>
<td>Log data capacity:</td>
<td>&gt; 18 month</td>
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<tr>
<td>ppm range:</td>
<td>0-40 ppm</td>
<td></td>
</tr>
<tr>
<td>ppm set point:</td>
<td>1-15 ppm</td>
<td></td>
</tr>
</tbody>
</table>