MKP – Stainless Steel Magnetic Drive Chemical Process Pump
Efficient – Robust – Safe

1. Pump casing
2. Casing drain
3. Internal bearing lubrication or external flush connection
4. Pt100 temperature probe connection
5. Impeller
6. Driven magnet assembly attached to impeller (on product side)
7. Plain bearing assembly with impeller locking sleeve
8. Casing gasket
9. Hermetically sealed containment shell
10. Containment shell thermocouple
11. Lantern
12. Drive magnet assembly (on atmospheric side)
13. Thrust bearing
14. Bearing sleeve
15. Bearing bush assembly
16. Locking sleeve

Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacities (min./max.)</td>
<td>0.25 to 650 m³/h</td>
</tr>
<tr>
<td>Heads (min./max.)</td>
<td>3 to 145 m</td>
</tr>
<tr>
<td>Temperatures (min./max.)</td>
<td>-100°C to +350°C</td>
</tr>
<tr>
<td>Kinematic viscosities</td>
<td>0.5 to 350 mm²/s</td>
</tr>
<tr>
<td>Solids concentration</td>
<td>up to 30% depending on fluid</td>
</tr>
</tbody>
</table>
MKP-S – Stainless Steel Self-Priming Magnetic Drive Chemical Process Pump
Efficient – Robust – Safe

Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Capacities (min./max.)</td>
<td>1 to 80 m³/h</td>
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<tr>
<td>Heads (min./max.)</td>
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<tr>
<td>Temperatures (min./max.)</td>
<td>–100°C to +250°C</td>
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<tr>
<td>Kinematic viscosities</td>
<td>0.5 to 350 mm²/s</td>
</tr>
<tr>
<td>Solids concentration</td>
<td>up to 30% depending on fluid</td>
</tr>
</tbody>
</table>

1 Pump casing with integral priming chamber
2 Casing drain
3 Internal bearing lubrication or external flush connection
4 Pt100 temperature probe connection
5 Impeller
6 Driven magnet assembly attached to impeller (on product side)
7 Plain bearing assembly with impeller locking sleeve
8 Casing gasket
9 Hermetically sealed containment shell
10 Containment shell thermocouple
11 Lantern
12 Drive magnet assembly (on atmospheric side)
13 Thrust bearing
14 Bearing sleeve
15 Bearing bush assembly
16 Locking sleeve

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