

DATASHEET

Magnetically coupled pump

RM 3 – 20/200

Motor output
0,75kW ; 1,1kW ; 1,5kW
2900 or 3450 rpm [2-pol.]




Magnetically coupled, centrifugal pumps, single-stage, horizontal, non self-priming, made in monobloc design.

| | | RM3 - 20/200 | | |
|--------------------------------|----------|--------------|-----|------|
| Motor output | [kW] | 0,75 | 1,1 | 1,5 |
| Rated current @ 400V 50Hz 3ph. | [A] | 1,9 | 3,0 | 3,25 |
| Rated current @ 230V 50Hz 1ph. | [A] | 4,8 | 6,4 | 8,2 |
| Head max. | [mWS] | 20 | 20 | 20 |
| Capacity max. | [l/min.] | 200 | 200 | 200 |
| Density max. @ Qmax | [g/cm³] | 1,1 | 1,6 | 2,2 |
| Length „L“ | [mm] | 387 | 400 | 400 |

Materials:



Technical data

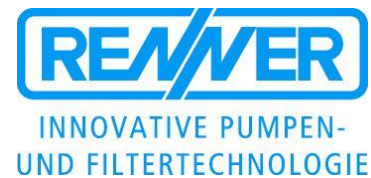
| | | | |
|-------------------------|--|-------------------------------|--|
| Medium-temperature max. | PP PVDF Stainless | 80 °C 95 °C 100 °C | <div style="text-align: center;"> <h3>Flow curves RM3 - 20/200</h3> <p>Speed: 2900 rpm @ 50Hz or 3450 rpm @ 60Hz</p> <p>Values based on water at 20 °C (68 °F) / Measured value +/- 10%</p> <p>Subject to technical alterations !</p> </div> |
| System-pressure max. | PP PVDF Stainless | 2,5 bar 3,5 bar 8,0 bar | |
| Viscosity | < 160 Pa s | | |
| Elektrical motor | 3-ph. motors, 50 and 60Hz, IE2, IE3 or IE4 Protection IP55, Isolationclass F , Chemical resistant 2K- painting RAL5011 | | |
| Options | <i>Thermal protection, other voltages / frequencies, UL, CSA, Special paintings and colors</i>  | | |

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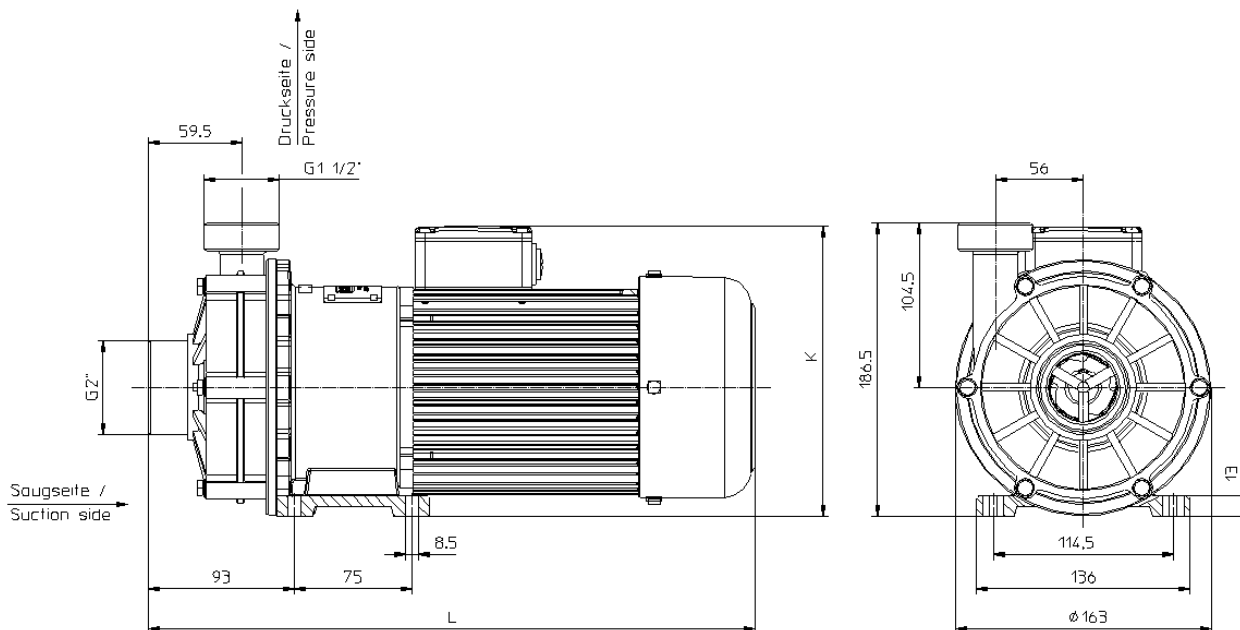
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Dimensional drawings [mm]

Motor output 0,75kW – 1,5kW 2-pol.



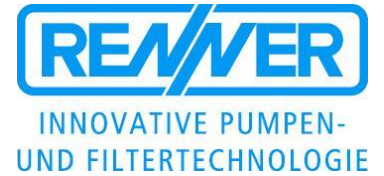
Motor dimensions can be different ! ● Subject to technical alterations !

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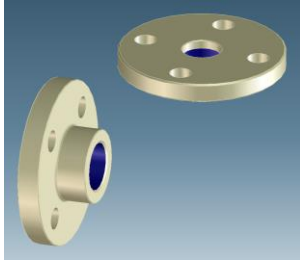

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Accessories / Options

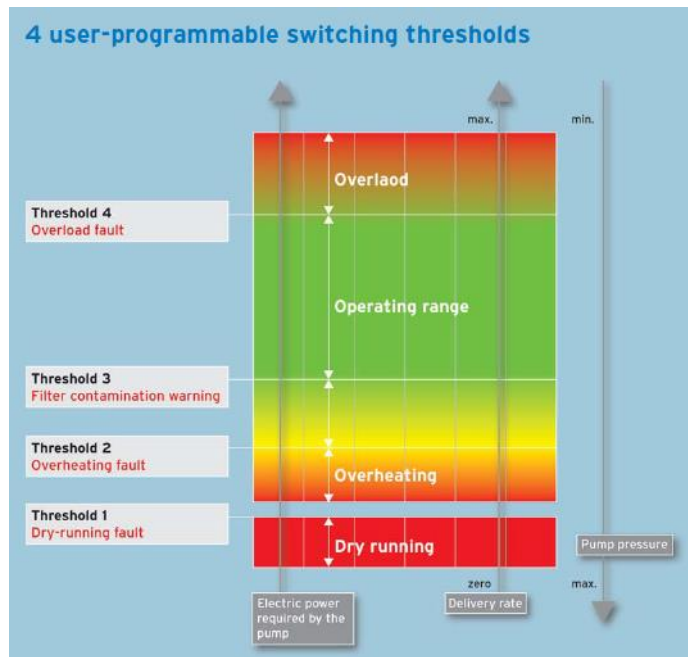
| Hose connection | Flange (DIN, ANSI) | NPT - Adapter |
|---|--|--|
|  <p>26mm 32mm 40mm</p> |  <p>DN40 PN10 (DIN EN 1092-3) DN50 PN10 (DIN EN 1092-3) 1.5" (ANSI Class 150) 2" (ANSI Class 150)</p> |  <p>NPT (M) 1" NPT (M) 1.5"</p> |

Monitor and protect your pump and your process !

Electronic process monitoring -> RPR-Control



- Monitoring the filter fouling
- Dry running
- Overheating
- Overload



Subject to technical alterations !