

The new pump generation RSPM 40

Plastic canned motor pump in the 4,0kW power range
Highly corrosion resistant · Safe double wall design



Compact, energy efficient, centrifugal pump with variable speed in a canned-motor design and PM-Synchronous drive

The frequency inverter can be mounted directly on top of the motor or in a separate control cabinet.

Technical data

Rated power	4,0kW
Voltage range	3x 200 VAC -10% ... 480 VAC +10%
Frequency range	50//60 Hz +/-6%
H _{max}	40 mWC
Q _{max}	600 l/min
Material	PVDF
Seals	EPDM / FKM / FFKM / FEP-encapsulation / Kalrez
Bearings	Oxide Ceramic (Al ₂ O ₃) 99,7%
Max. system-pressure	20 bar



Note This new hydraulic RSPM 40 pump is also available with magnetic coupling separating hydraulics and motor. The RSPM 40 has a significantly smaller installation footprint than the RM-40.

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Variable speed

Compact, turn-key unit with integrated frequency inverter; also available for use with external VFD.

Dimensions

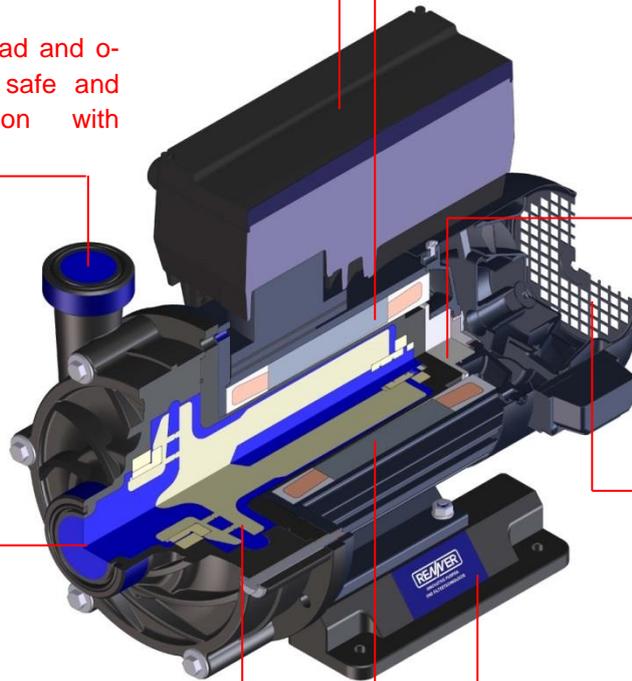
Compact design due to „pump-in-motor” concept.

Suction- / Discharge connection

With pipe thread and o-ring groove for a safe and leak-free integration with existing piping.

Maintenance

Longevity and reduced maintenance intervals thanks to new ball bearing free design.



Cooling

Additional cooling by a forced ventilator.

Motor base

Corrosion-resistant due to plastic material.

Highest energy efficiency

Optimized efficiency of hydraulics and motor technology (IE4) via CFD-simulation.

Robust Design

- **Increased safety** due to double wall design
- System-pressures up to 20 bar possible due to pressure-resistant motor compartment.

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Dimensional drawing [mm]

