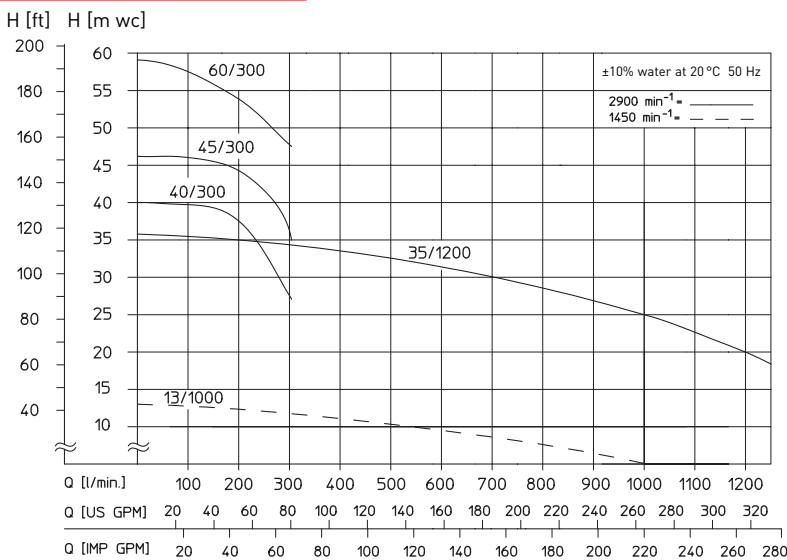




- Delivery rate up to 1.250 l/min
- Delivery head up to 60 m wc
- No shaft seal required
- For aggressive and neutral liquids
- Made of PP or PVDF
- Protection class IP 55

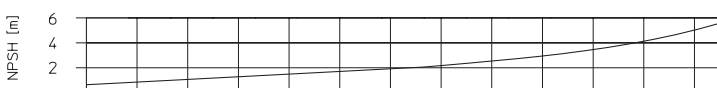
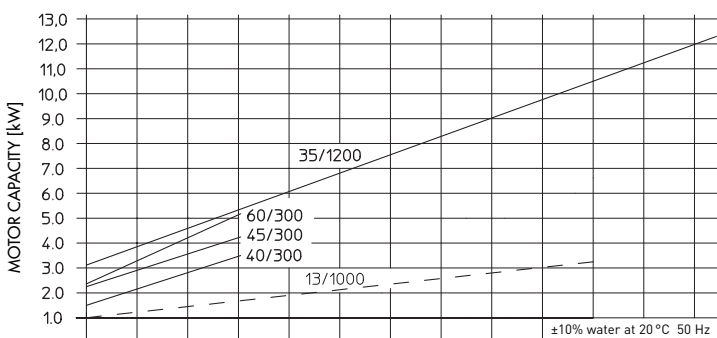
Magnetically coupled centrifugal pumps of type 5 are non-self-priming pumps that operate in horizontal position and are made in monobloc design. A magnetic coupling connects the pump to the motor and transmits the power of the motor to the impeller.

PERFORMANCE CHARTS:



STANDARD DESIGN:

Housing, impeller and impeller magnet coating are made of glass-fibre reinforced PP plastic or PVDF. Sleeve bearings, starting rings and centering shaft are made of 99.7% pure oxide ceramic, and the O-ring sealing of the housing is made of either FKM or EPDM. (See table on page 7 for other materials.)

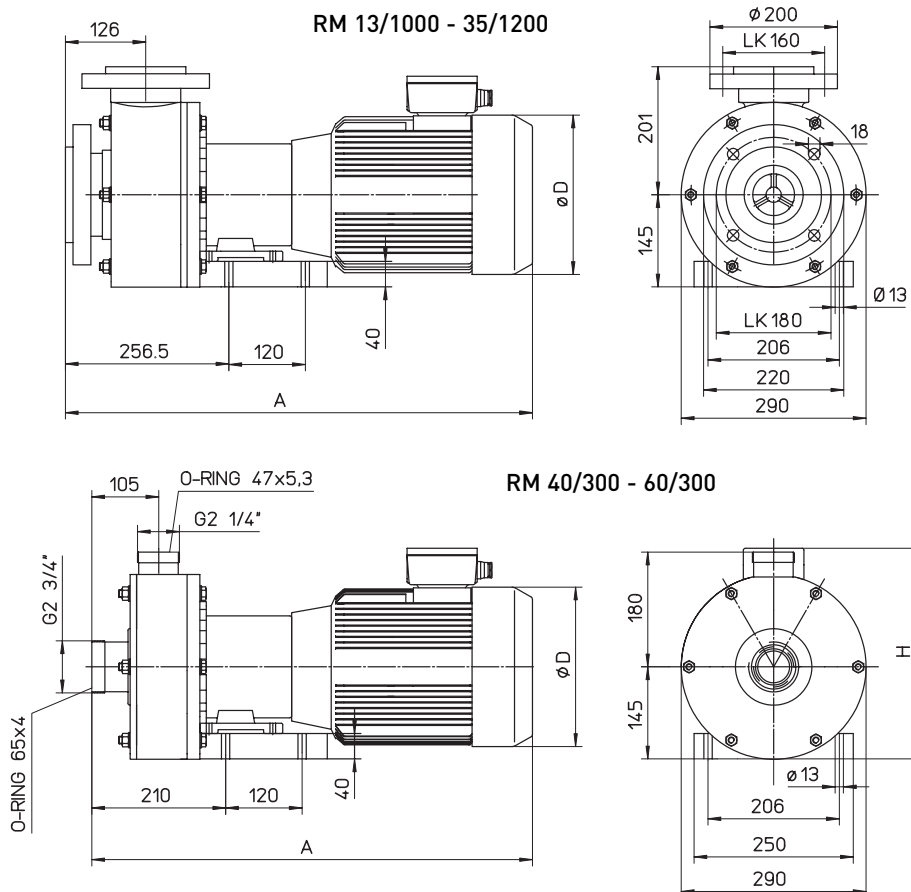




TECHNICAL DATA

Size	40/300	45/300	60/300	13/1000		35/1200
Maximum delivery rate [l/min]	300	300	300	1000		1250
Maximum delivery head [mWS]	40	45	60	13		35
Maximum density [g/cm ³]*	1.1	1.1	1.1	1.25	1.6	1.1
Motor capacity P2 at 50 Hz [kW]	3.0	4.0	5.5	4.0	5.5	12.5
Motor capacity P2 at 60 Hz [kW]	3.6	4.8	6.6	4.8	6.6	15.0
Current rating (400 V) [A]	6.25	8.1	11.0	8.1	11.0	14.0
Rated speed at 50 Hz [min ⁻¹]	2900	2900	2900	1450	1450	2900
Rated speed at 60 Hz [min ⁻¹]	3440	3440	3440	1750	1750	3440
Ports Suction side	G2 3/4	G2 3/4	G2 3/4	FF d110	FF d110	FF d110
Ports discharge side	G2 1/4	G2 1/4	G2 1/4	FF d90	FF d90	FF d90
Weight when made of PP approx. [kg]	49	53	57	51	61	80
Weight when made of PVDF approx. [kg]	56	60	66	52	69	90
Dimension A [mm]	619	625	692	680	740	780
Dimension H [mm]	316	316	331	-	-	-
Dimension D [mm]	194	220	250	220	250	260

Voltage**	230/400 V three-phase current	
Protection class	230/400 V three-phase current	
Recommended maximum flow rate	suction side 1 m/s	discharge side 3 m/s
Material	PP	PVDF
Maximum temperature	80 °C	95 °C
Maximum system pressure at 20 °C	6.0 bar	6.0 bar



* To deliver liquids with a higher relative density, we also offer all our pumps with smaller impeller diameters which, however, reduce delivery rates and heads of the pumps.

**Other voltages available upon request.

Position of the terminal box: standard position is on top (if you need it mounted on the right or the left, please indicate when placing your order).

Position of the discharge port: vertical position is standard (differing positions at 12 x 30° are possible, please indicate when placing your order).