



Centrifugal pump with integrated priming tank

Delivery rate up to 240 l/min

Delivery head up to 18 m wc

No shaft seal required

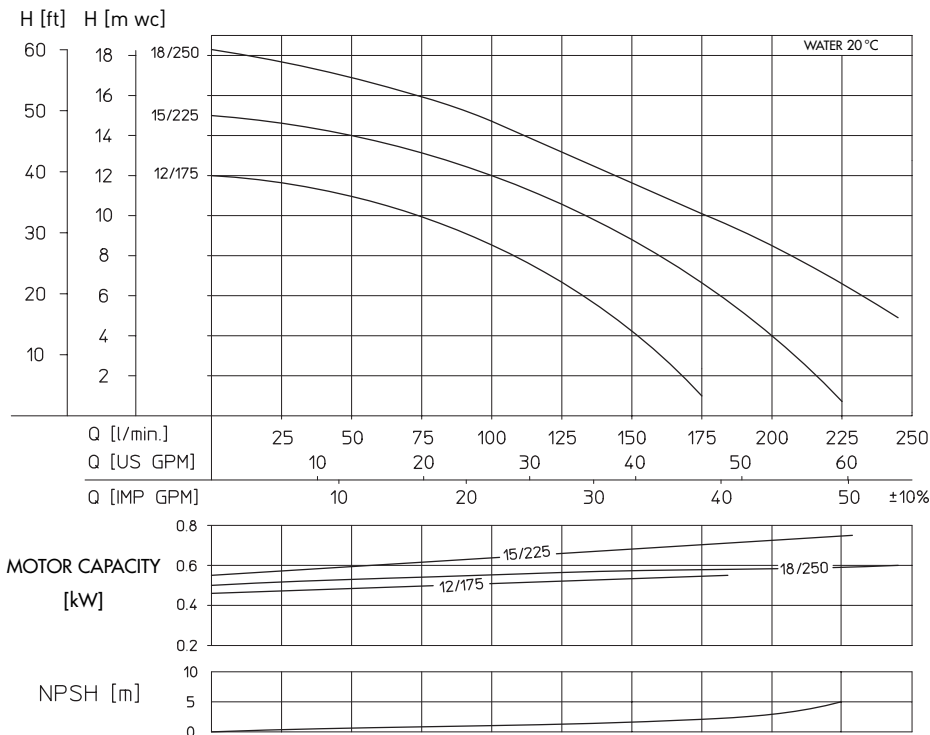
For aggressive and neutral liquids

Made of PP or PVDF

Protection class IP 55

Magnetically coupled centrifugal pumps of the RMB type are self-priming pumps with integrated priming tanks. They are made of plastic, built in monobloc design and operate in horizontal position. 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.)

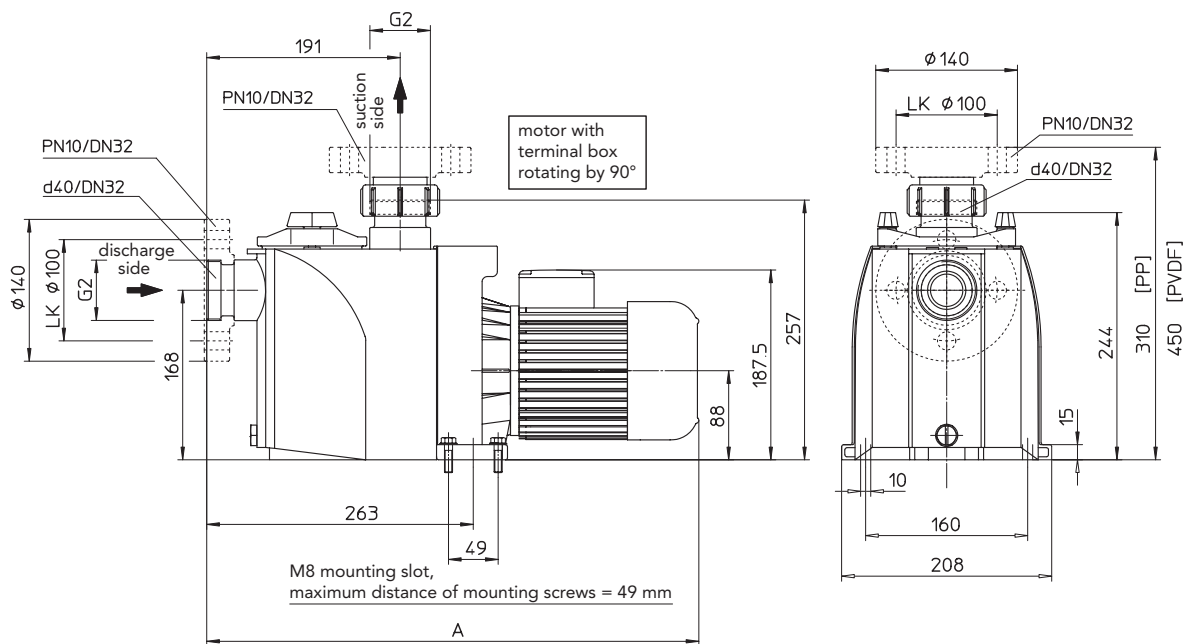


SELF-PRIMING RMB TYPE 3.1

TECHNICAL DATA				
Size	12/175		15/225	18/250
Maximum delivery rate [l/min]	175		225	240
Maximum delivery head [m wc]	12		17	18
max. suction head at 20 °C [m wc]	3.0		3.5	1.0
Maximum density [g/cm ³]*	1.3	1.8	1.65	1.2
Motor capacity P2 at 50 Hz [kW]	0.55	0.75	0.75	0.75
Motor capacity P2 at 60 Hz [kW]	0.66	0.9	0.9	0.9
Current rating (400 V) [A]	1.6	2.2	2.2	2.2
Rated speed at 50 Hz [min ⁻¹]	2800	2800	2800	2800
Rated speed at 60 Hz [min ⁻¹]	3400	3400	3400	3400
Ports suction side	G2	G2	G2	G2
Ports discharge side	G2	G2	G2	G2
Weight approx. [kg]	10	11	11	11
Dimension A [mm]	490	500	500	500
Voltage**	230 V ac or 230/400 V three-phase current			
Protection class	hose-proof according to IP 55			
Recommended maximum flow rate	suction side 1 m/s		discharge side 3 m/s	
Material	PP		PVDF	
Maximum temperature	65 °C		85 °C	
Maximum system pressure at 20 °C	2.5 bar		3.5 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).