

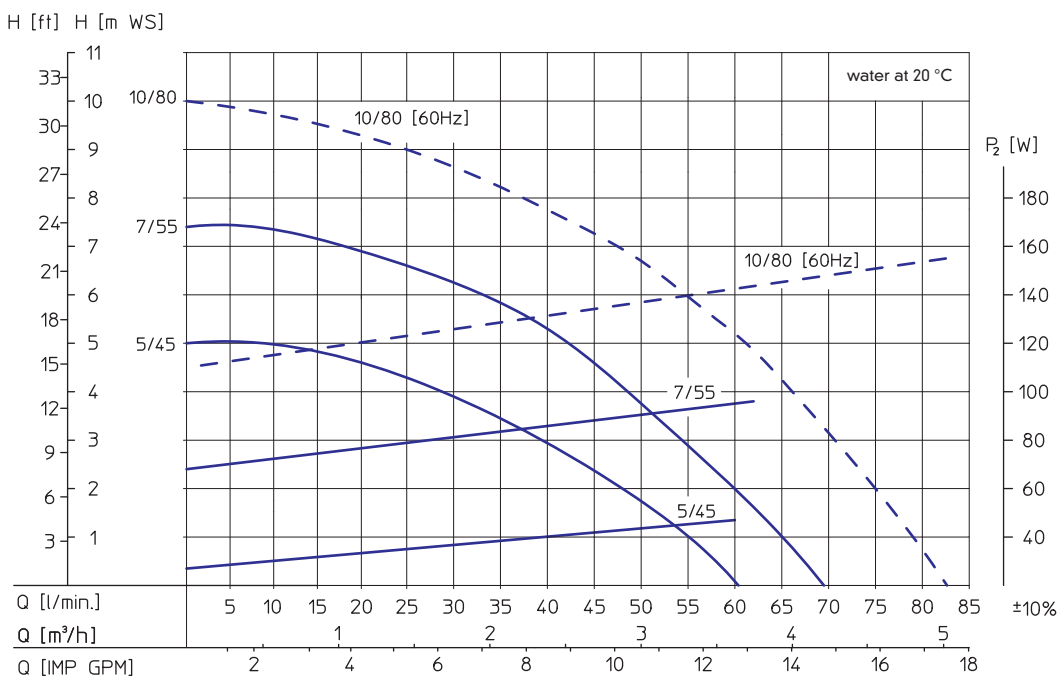


Delivery rate up to 70 (83) l/min  
 Delivery head up to 7.5 (10) m wc  
 No shaft seal required  
 For aggressive and neutral liquids  
 Made of PP, PVDF and stainless steel  
 Protection class IP 55

Figures in brackets ( )  
 apply to 60 Hz pump types.

Magnetically coupled centrifugal pumps of type 1.5 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 or stainless steel. 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.)



## NON-SELF-PRIMING RM – TYPE 1.5

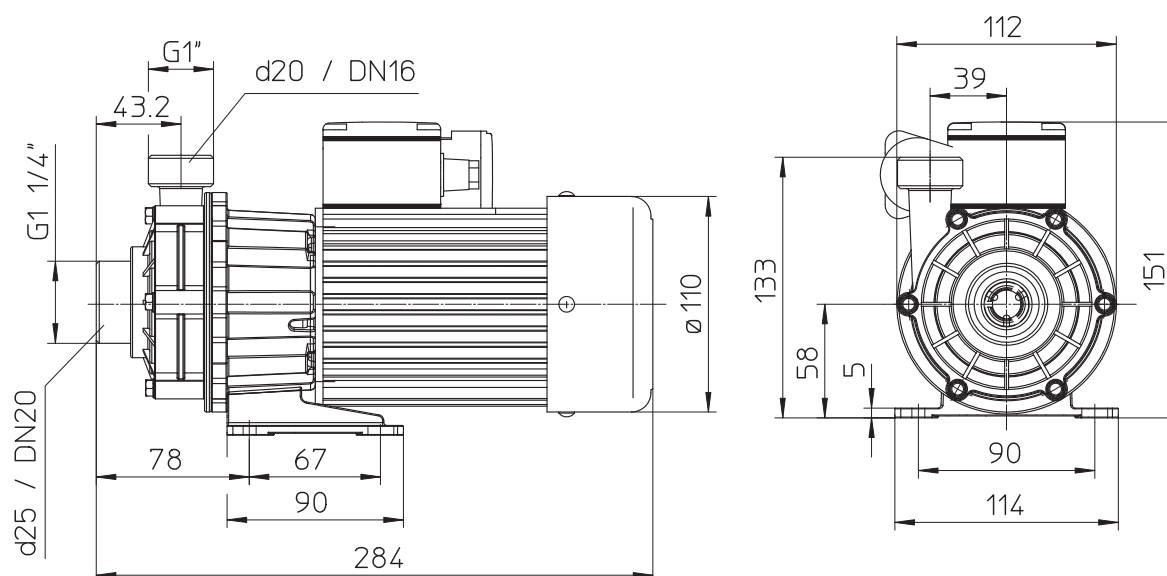
### TECHNICAL DATA

size	5/45	7/55	10/80*
maximum delivery rate [l/min]	60	70	83
maximum delivery head [m wc]	5,0	7.5	10.0
maximum density [g/cm <sup>3</sup> ] <sup>***</sup>	2,2	1.25	1.0
motor capacity at 50 Hz 50 Hz [kW]	0.120	0.120	–
motor capacity at 50 Hz 60 Hz [kW]	0.144	0.144	0.180
voltage**	230 V ac or 230/400 V three-phase current		
current rating	0.7 A with alternating current or 0.5/0.29 A with three-phase current		
protection class	hose-proof according to IP 55		
ports	suction side G 1 1/4	discharge side G 1	
recommended maximum flow rate	suction side 1 m/s	discharge 3 m/s	
material	PP	PVDF	stainless steel
maximum temperature	80 °C	95 °C	100 °C
maximum system pressure at 20 °C	1.5 bar	2.5 bar	8.0 bar
weight	4.3 kg	4.5 kg	6.0 kg

\* Available only in 60 Hz.

\*\* Other voltages available upon request.

\*\*\* With maximum volume rate of flow. To deliver liquids with a higher relative density, the pump has to be throttled (see the following performance chart).



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).