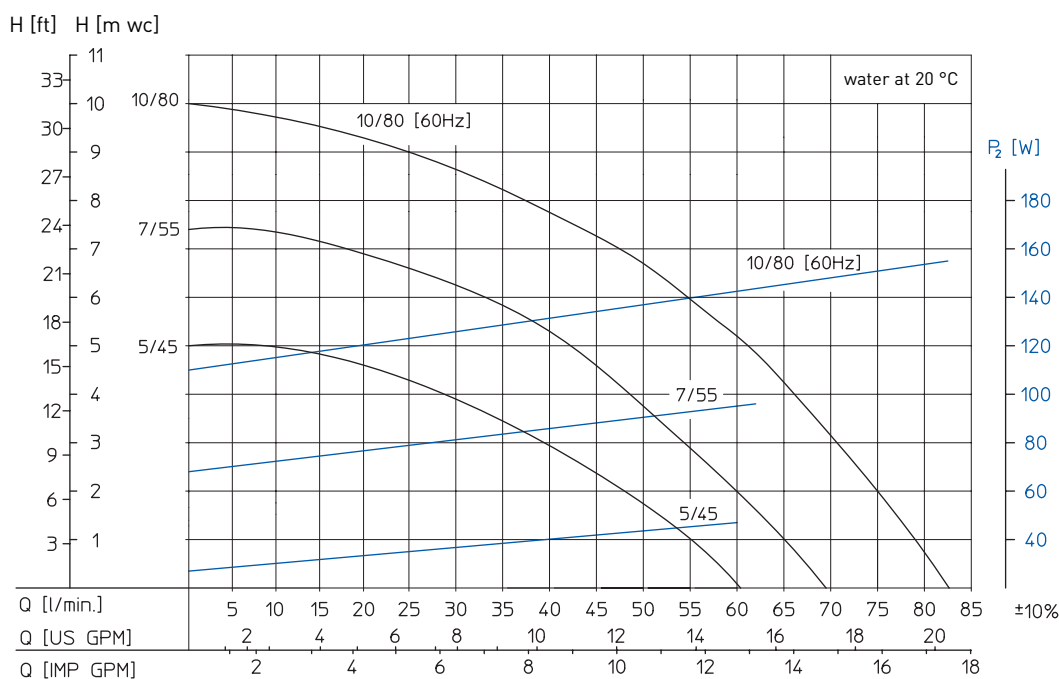




- Delivery rate up to 83 l/min
- Delivery head up to 10 m wc
- No shaft seal required
- For aggressive and neutral liquids
- Made of PP, PVDF and stainless steel
- Protection class IP 55
- ATEX design available

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:

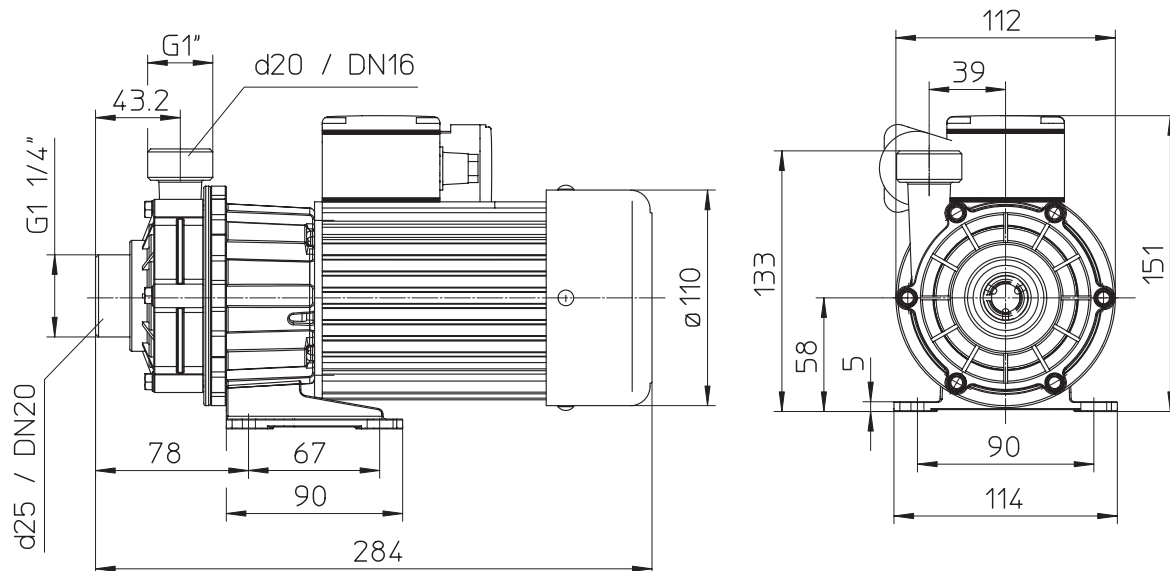
Housing, impeller and impeller magnet coating are made of glass-fibre reinforced PP plastic or PVDF or stainless steel. Sleeve bearings, starting rings and centering shaft are made of 99.7% pure oxide ceramic, and the O-ring sealing of the housing is made of either FKM or EPDM. (See table on page 7 for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



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> ]*	1.80	1.25	1.0
Motor capacity P2 at 50 Hz [kW]	0.120	0.120	-
Motor capacity P2 at 60 Hz [kW]	0.144	0.144	0.180
Voltage**	230 V ac or 230/400 V three-phase current		
Current rating	1.61 A with alternating current or 0.8/0.52 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 side 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	3.0 kg	3.1 kg	4.5 kg

\* 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 or ATEX design 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).