

MAGSON - size 2, 3 & 3H

Magnetically coupled centrifugal pumps
made of plastics PP / ETFE



More than just pumps



MA type 2, 3 and 3H

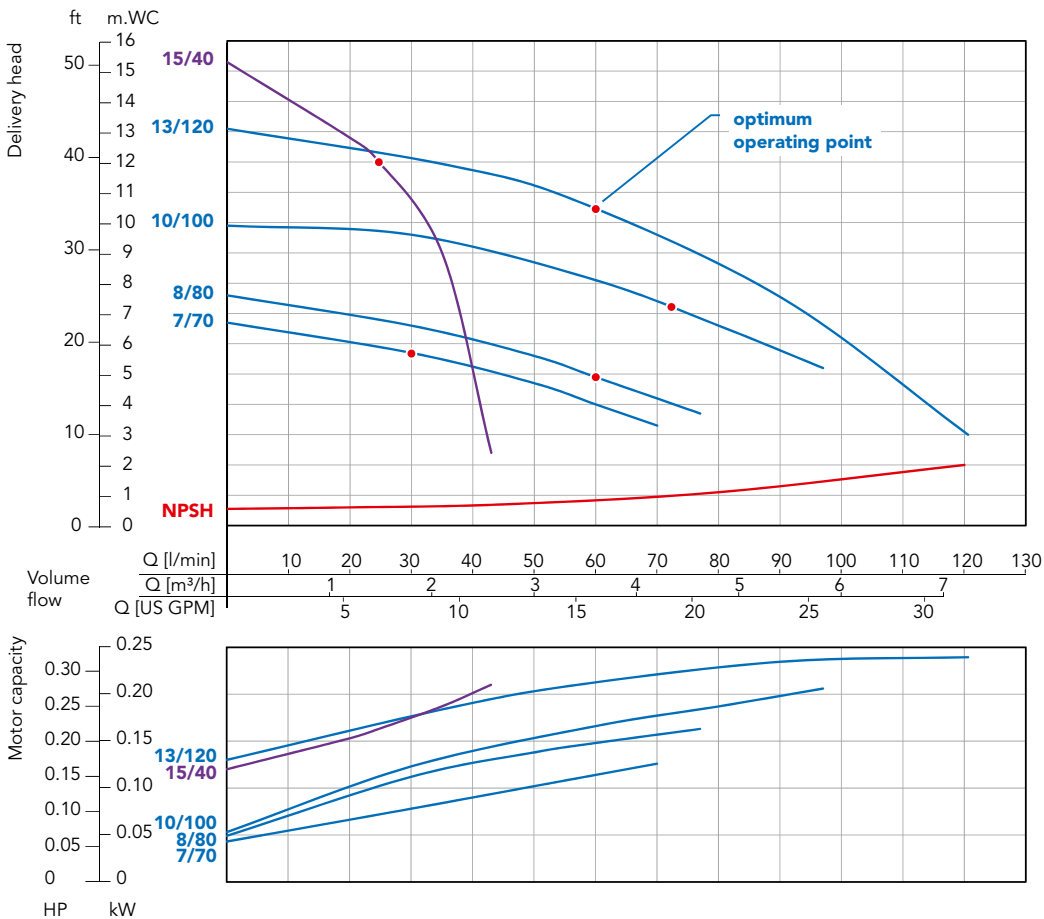


- without shaft seal
- streamlined housing made of PP or ETFE
- volume flow of MA pump type 2 is up to 80 l/min, of MA pump type 3 up to 100 l/min
- discharge head of MA pump type 2 is up to 8 m.WC, of MA pump type 3H up to 15 m.WC
- horizontal single-stage monoblock design



For all advantages of MAGSON pumps see page 9.

Characteristic curves



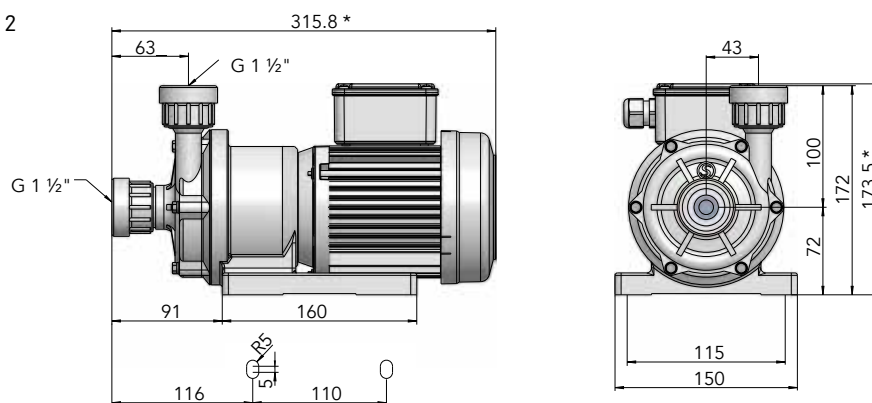
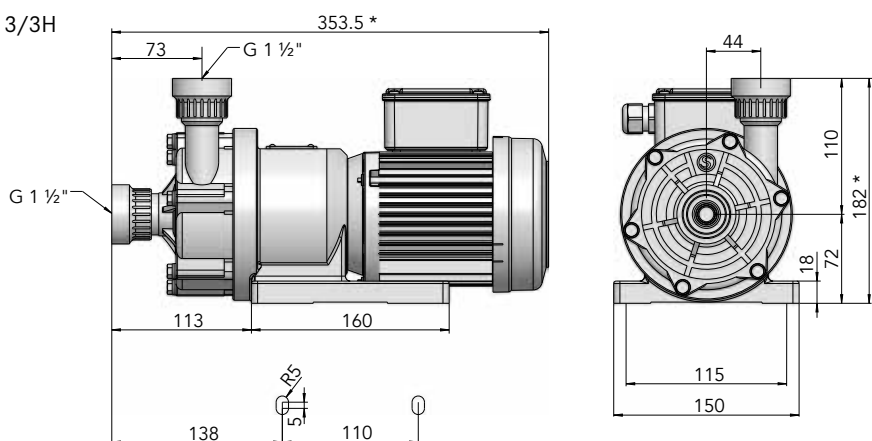
Determined with water of 20 °C; measured values ± 10%

Technical data MA

Size	type 2		type 3		type 3H
	7/70	8/80	10/100	13/120	15/40
Material *	PP (glass-fibre reinforced) / ETFE (carbon-fibre reinforced)				PP (glass-fibre)
Max. delivery head in [m.WC] at 50 Hz	7	8	10	13	15
Max. volume flow in [l/min] at 50 Hz	70	80	100	120	40
Max. density in [g/cm ³] at 50 Hz **	1.9	1.1	1.4	1.1	1.1
Motor capacity in [kW]	0.18		0.25		
Current rating (400V, 50 Hz) in [A]	0.54		0.71		
Rated speed in [rpm] at 50 Hz / 60 Hz	3000 / 3600				
Suction port	G 1" or G 1 1/2" thread with adapter				
Discharge port	G 1" or G 1 1/2" thread with adapter				
Voltage in [V]	230V AC or 230 / 400V three-phase AC				
Protection class	IP 55				
Max. flow velocity in [m/s]	suction side = 1 / discharge side = 3				
Max. temperature for PP / ETFE in [°C]	70 / 80				
Max. system pressure in [°C]	2				
Max. system pressure for PP / ETFE at 20 °C in [bar]	1.5		2		3

* Material used for housing, impeller unit and rear casing: (sheath of inner magnet made of PP without fibre reinforcement)

** approx. value at max. volume flow (higher density possible when flow rate is reduced)

Dimensions in [mm]
MA type 2

MA type 3/3H

Materials

You will find all materials available and their characteristics on page 8.

Accessories

such as frequency converters see page 11, thread adapter see page 10 and additional accessories see page 28.

* Motor dimensions may differ according to manufacture.



More than just pumps

Today the FLUX name is recognised around the globe as the trademark for top standards in pump technology. Everything started with the invention of the electric drum pump in 1950. Nowadays FLUX has an extensive range of products each of which can be customized. FLUX pumps are used for example in the chemical and pharmaceutical industries; in machinery and plant engineering as well as companies in electroplating, effluent treatment and the foodstuffs sector.

Whether single-product or system solution – FLUX quality is synonymous with a long service life, excellent economy and maximum safety.

In addition to the excellent product quality FLUX customers appreciate the superb level of expertise our staff has to offer as well as their genuine customer focus.

These days FLUX-GERÄTE GMBH supplies pumps to almost 100 countries around the globe.

FLUX-GERÄTE GMBH

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