

MAS types 4, 5 and 6



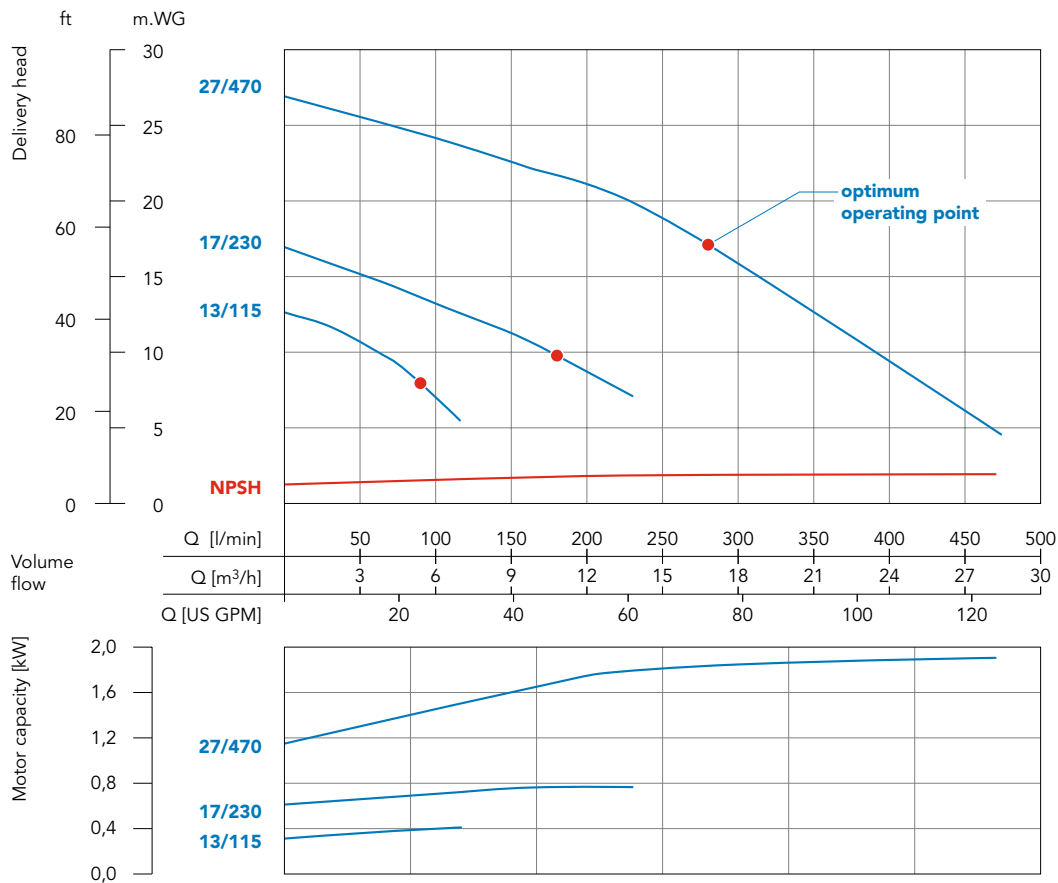
- self-priming
- without shaft seal
- streamlined spiral housing made of PP or ETFE
- volume flow of up to 470 l/min
- delivery head of up to 27 m.WG
- back pull-out

Fig.: MAS pump type 5



For all advantages of MAGSON pumps see page 9.

Characteristic curves



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

Technical data	MAS type 4	MAS type 5		MAS type 6		
Size	13/115	17/230		27/470		
Material*	PP (glass-fibre reinforced) / ETFE (carbon-fibre reinforced)					
Max. delivery head in [m.WG] 50Hz	13	17		27		
Max. volume flow in [l/min] 50Hz	115	230		470		
Max. suction head for water of 20°C in [m.WG]	5					
Max. density in [g/cm ³] 50Hz**	1.8	1	1.4	1.15	1.6	2
Motor capacity in [kW]	0.75	0.75	1.1	2.2	3	4
Current rating (400V, 50Hz) in [A]	1.56	1.56	2.25	2.0	5.6	7.3
Rated speed in [rpm] at 50Hz/60Hz	3000/3600					
Suction port	DN 25	DN 40		DN 50		
Discharge port	DN 25	DN 40		DN 50		
Voltage in [V]	230 or 400V three-phase AC					
Protection class	IP 55					
Max. flow velocity in [m/s]	suction side = 1 / discharge side = 3					
Approx. weight for PP/ETFE in [kg]	24	26	29	42	54	62
Max. temperature for PP/ETFE in [°C]	70/60					
Max. system pressure for PP/ETFE at 20°C in [bar]	2	2.2		4	5.2/4.4	

* 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]

Size	13/115	17/230		27/470		
Dimension a in [mm]	130	130		208	230	
Dimension c in [mm]	130	130		200	261	
Dimension d in [mm]	255	276		296		
Dimension e in [mm]	70	84		93		
Dimension f in [mm]	167	190		206		
Dimension g in [mm]	275	305		309		
Dimension i in [mm]	Ø12	Ø12		Ø14×36		
Dimension J in [mm]	196	228		248		
Dimension H in [mm]	325	360		389		
Dimension K in [mm]	18	18		18	20	
Dimension L in [mm]	582	612	647	718	772	755
Dimension w in [mm]	160	160		260		

Motor dimensions may differ according to manufacture.

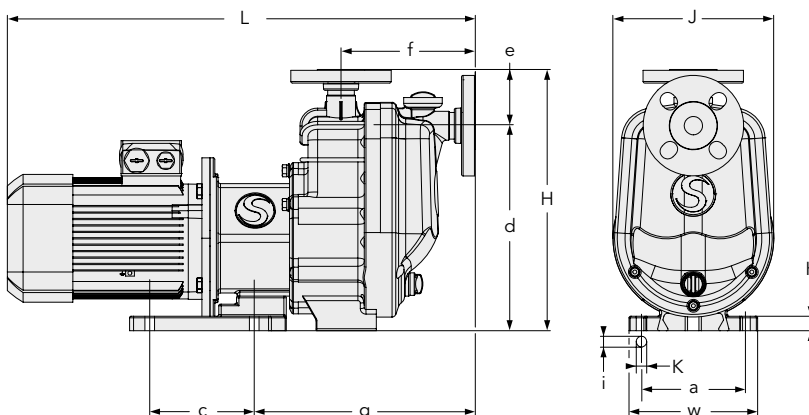


Fig.: MA pump type 6 with motor of up to 2.2kW



Materials

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

Accessories

such as RPR control and frequency converters see pages 22 to 24.