

MAS types 4, 5 and 6



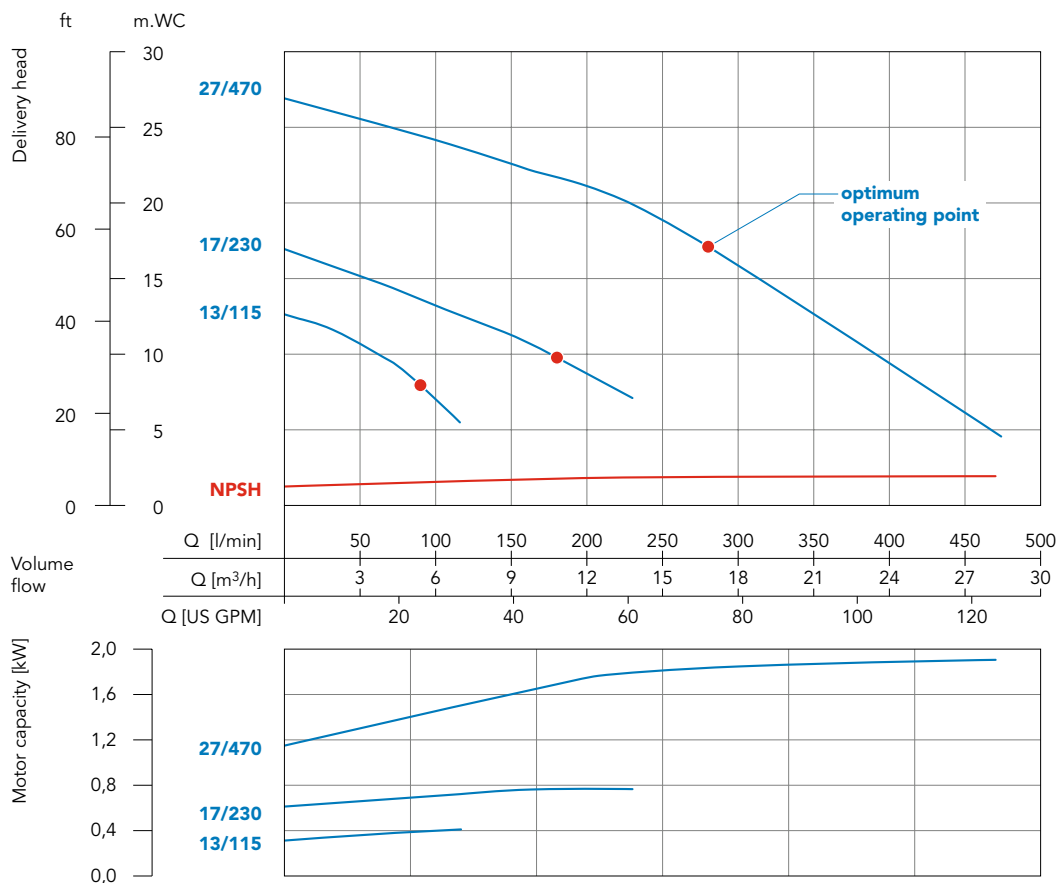
- self-priming
- without shaft seal
- streamlined spiral housing made of PP or ETFE
- volume flow of up to 470 l/min
- delivery head of up to 27 m.WC
- back pull-out

Fig.: MAS pump type 5



For all advantages of MAGSON pumps see main catalogue.

Characteristic curves



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.WC] at 50Hz	13	17		27		
Max. volume flow in [l/min] at 50Hz	115	230		470		
Max. suction head for water of 20°C in [m.WC]	5					
Max. density in [g/cm³] at 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 (G 1 1/2")	DN 40 (G 2 1/4")		DN 50 (G 2 3/4")		
Discharge port	DN 25 (G 1 1/2")	DN 40 (G 2 1/4")		DN 50 (G 2 3/4")		
Voltage in [V]	230/400V 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.



Thread adapter

All details at page 6.

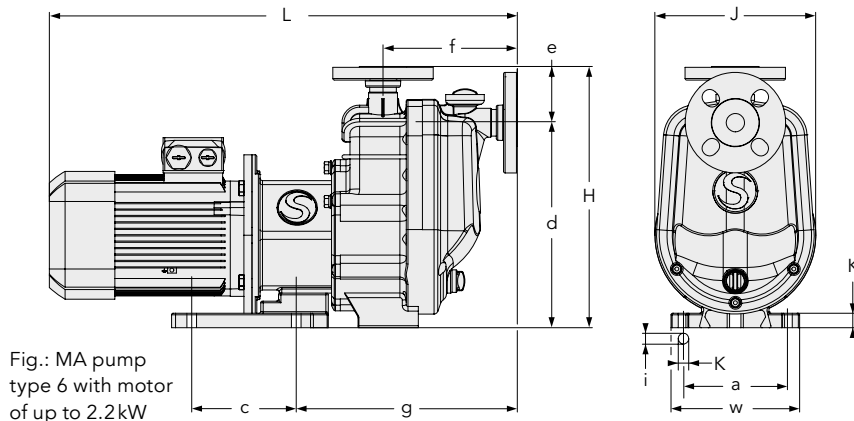


Fig.: MA pump type 6 with motor of up to 2.2kW