MARO water pumps | Value Proposition: Energy saving High reliability

MQS

MQS Submersible Pump
For Dirty Water



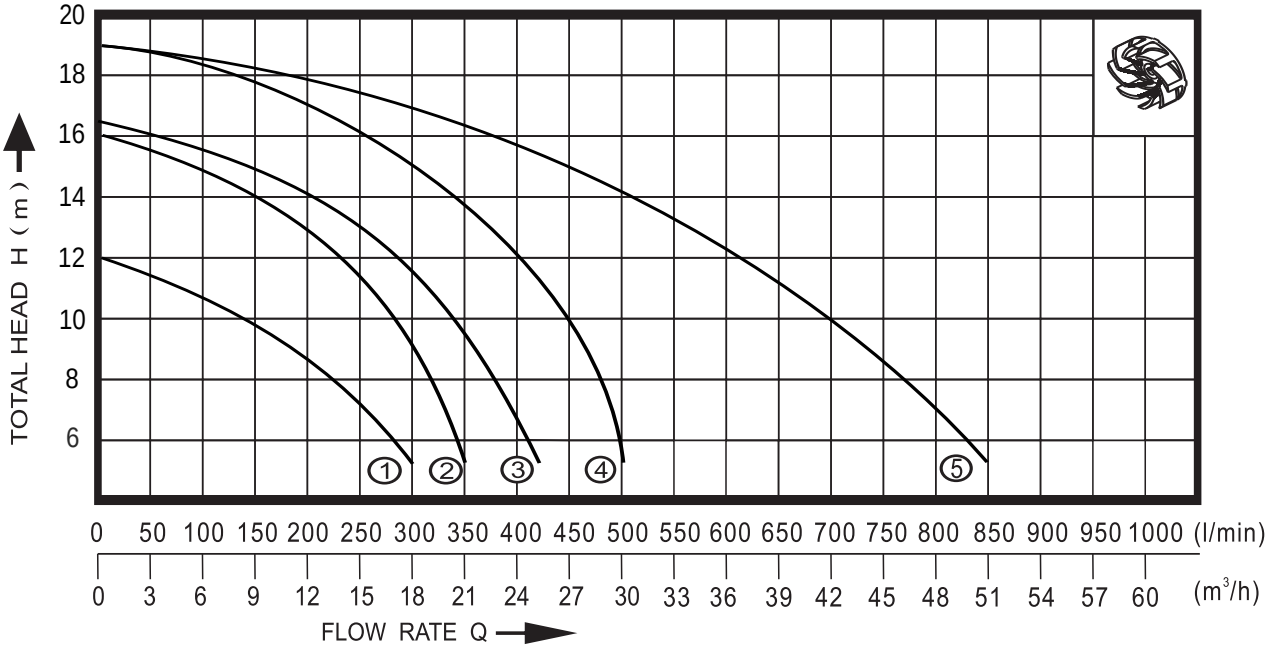
Application Limits

- Liquid temperature: +2℃~ +40℃
- Maximum ambient temperature +40℃
- Maximum system pressure 6bar
- Protection level: IPX8
- Mains connection: 220V/50Hz, 380V/50Hz
- Insulation class: B
- Pumped liquid characteristics: Wastewater that allows particles smaller than 5mm to pass through, is non-toxic, chemically neutral, and has properties similar to water.
- pH: 6.5 to 8.5

Advantages & Features

- The pump head features a durable all-cast iron design.
- The casing is made of SS304 stainless steel.

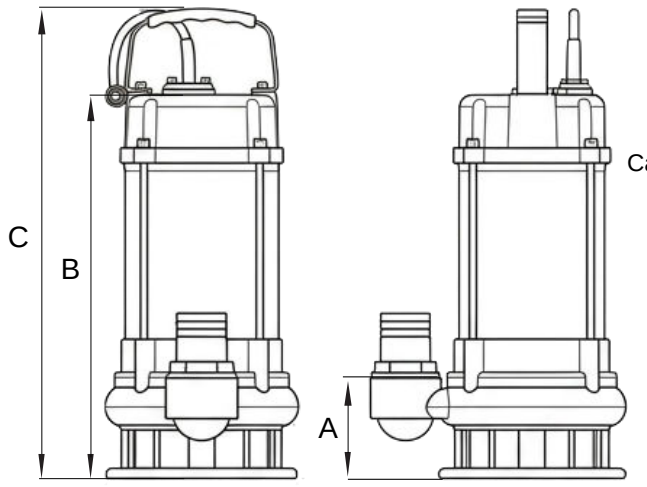
PERFORMANCE CHART AT n=2860r/min.

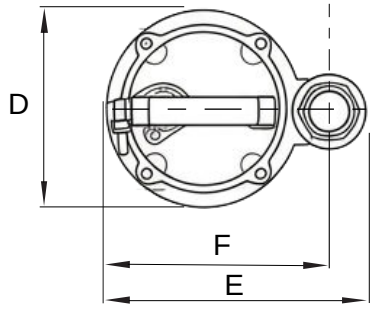


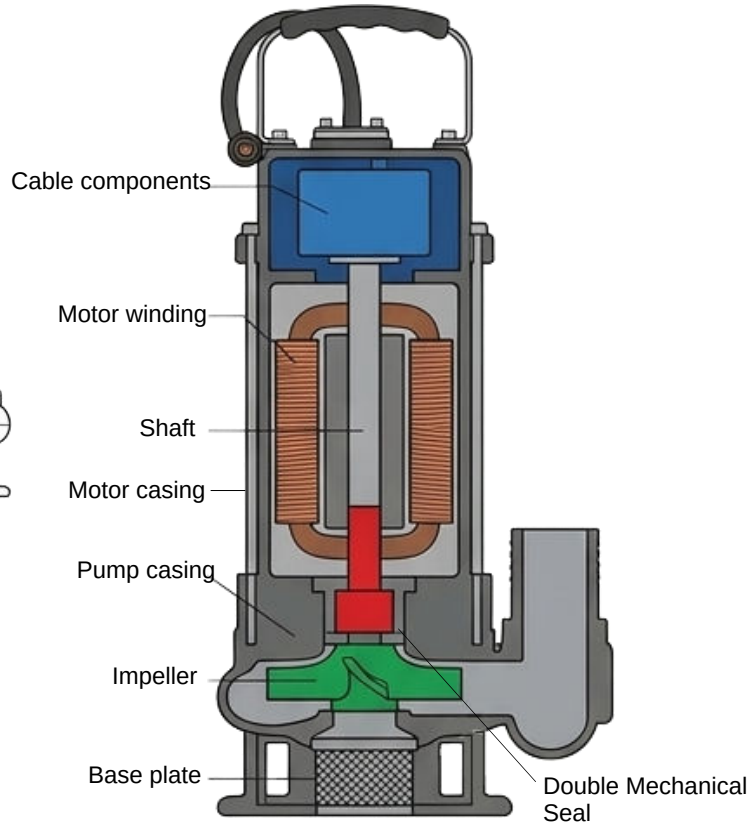
① MQS 550(T) ② MQS 750(T) ③ MQS 1100(T) ④ MQS 1500(T) ⑤ MQS 2200(T)

Model	Power kW	Power HP	Rate Current (A)	Max. Flow (l/min)	Max. Head (m)	Outlet (inch)	Solids Passage (mm)
MQS550	0.55	0.75	3.90	300	12	1½	15
MQS550T	0.55	0.75	1.35	300	12	1½	15
MQS750	0.75	1.0	4.92	350	16	2	18
MQS750T	0.75	1.0	1.80	350	16	2	18
MQS1100	1.1	1.5	7.00	420	16.5	2	18
MQS1100T	1.1	1.5	2.50	420	16.5	2	18
MQS1500	1.5	2.0	9.45	500	19	2	18
MQS1500T	1.5	2.0	3.40	500	19	2	18
MQS2200	2.2	3.0	13.70	850	19	3	28
MQS2200T	2.2	3.0	4.80	850	19	3	28

Models marked with a "T" are three-phase motors, 380V/50HZ, Y-connected.







Material detail

Name	Material	Name	Material
Cable components	HT200	Pump casing	HT200
Motor winding	Copper	Impeller	HT200
Shaft	AISI 304	Base plate	HT200
Motor casing	AISI 304	Double Mechanical Seal	Ceramic/Graphite

Demensions & Weight

mm

MODEL	A	B	C	D	E	F	Weight kg	Outlet	Cable line
MQS 550	95	330	395	160	225	200	14	DN40	3X0.5mm-8M
MQS 550T	95	330	395	160	225	200	14	DN40	4X0.5mm-8M
MQS 750	95	350	405	180	245	215	18	DN50	3X0.75mm-8M
MQS 750T	95	350	405	180	245	215	16	DN50	4X0.5mm-8M
MQS 1100	130	410	470	185	255	225	21	DN50	3X1.0mm-8M
MQS 1100T	130	410	470	185	255	225	20	DN50	4X0.5mm-8M
MQS 1500	130	410	470	185	255	225	22	DN50	3X1.5mm-8M
MQS 1500T	130	410	470	185	255	225	22	DN50	4X0.75mm-8M
MQS 2200	150	455	520	205	295	250	30	DN80	3X2.0mm-8M
MQS 2200T	150	455	520	205	295	250	28	DN80	4X1.0mm-8M

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