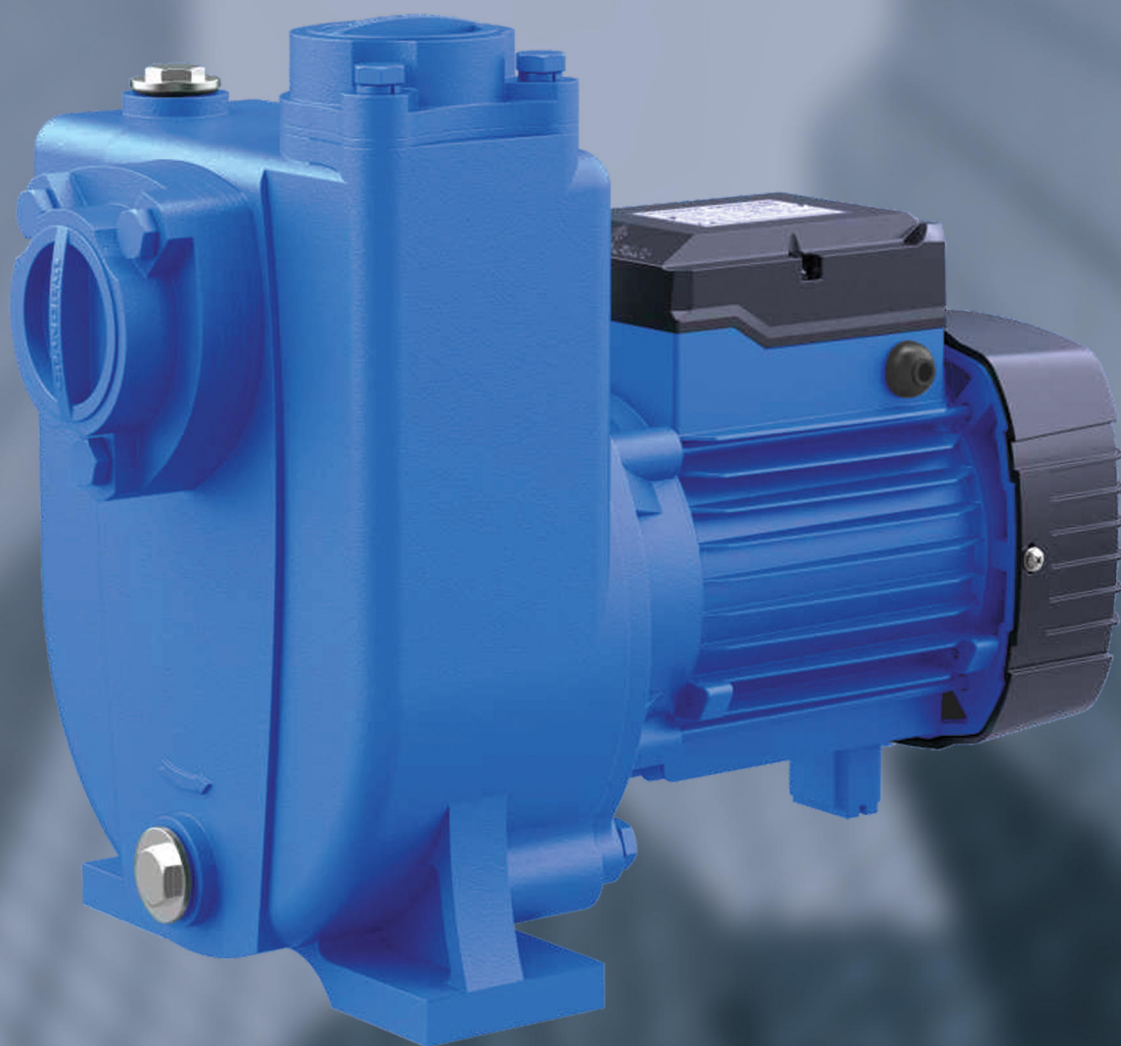




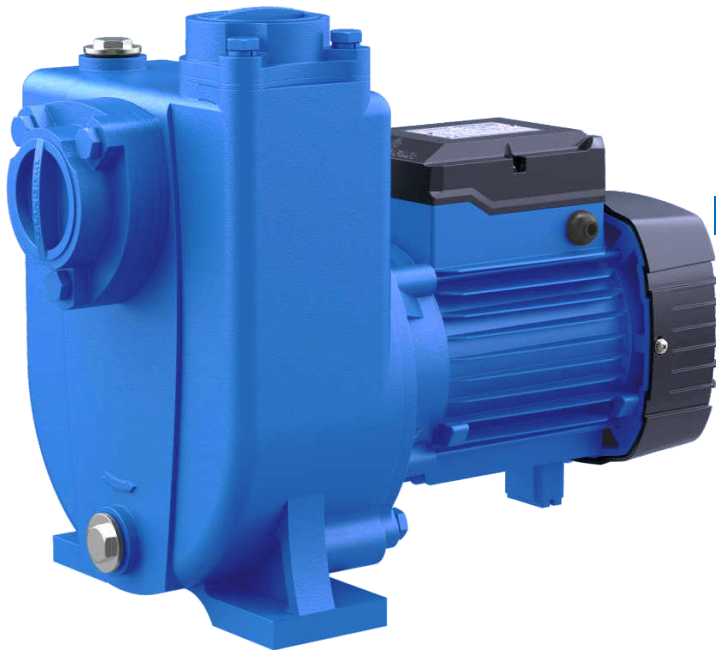
MARO
water pumps



MTK

MTK

CENTRIFUGAL PUMP



GENERAL

The MTK series centrifugal pumps worked with self-priming function which widely used in constructing pressurization systems for civil and industrial plant.

They are recommended for pumping clean water or sewage water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

MODEL INSTRUCTION

MTK 200 T

T: 380-415V
With out T: 220-240V

Power (HP)/100
200/100 = 2HP

Pump serial name

APPLICATION LIMITS

- The maximum working pressure is 0.3MPa;
- The PH value of the medium is 6.5-8.5;
- Be sure to fill the pump casing with water before starting, otherwise it will cause cavitation;
- The liquid temperature of the transported medium <40°C.

PUMP FEATURES

- MTK series has a self-priming function and is not limited by the water level.
- Before first use, the water storage tank needs to be filled with water. There is no need to refill water for future use, and it can run when it is powered on.
- Separate water filling and draining ports for easy operation, rust and corrosion resistant.



INDUSTRIAL WATER

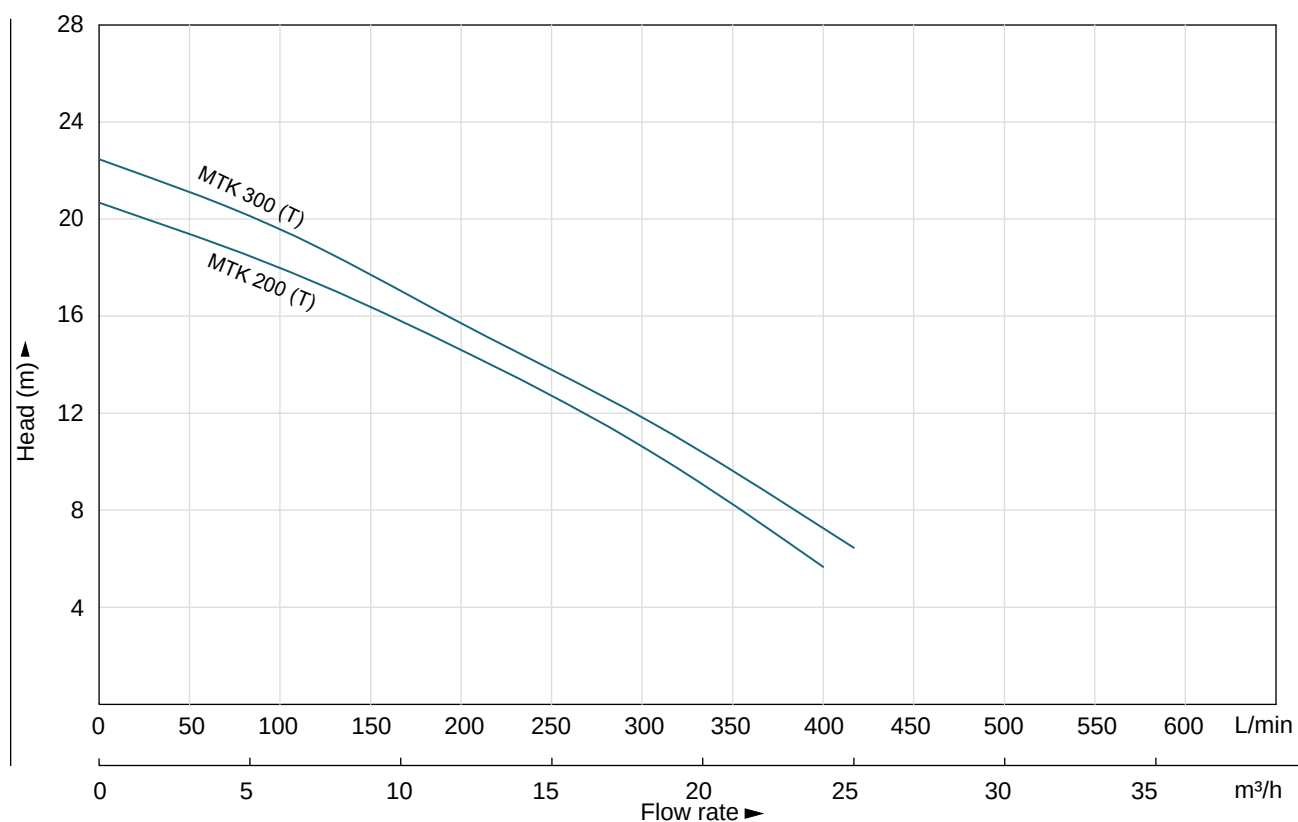


URBAN WATER SUPPLY



AGRICULTURAL IRRIGATION

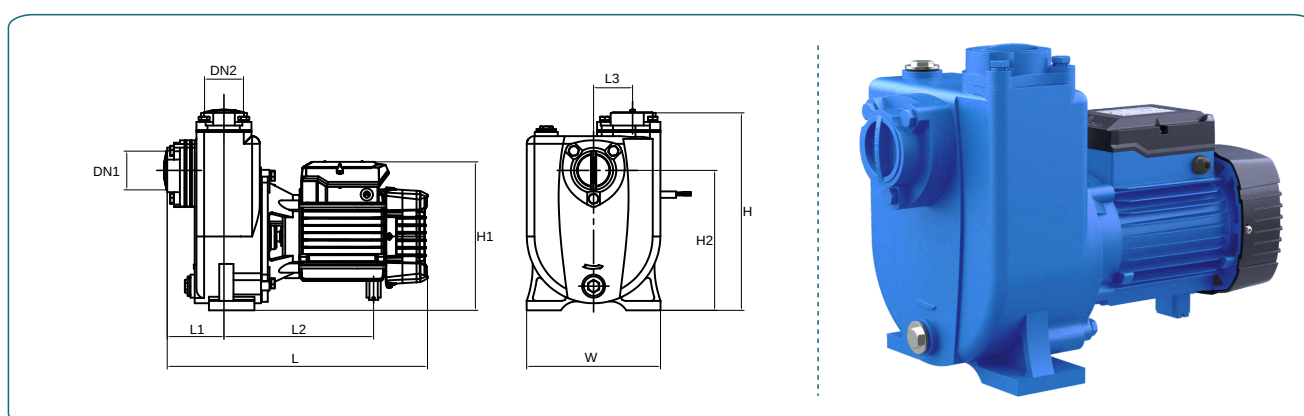
PERFORMANCE CURVE



Model	Power (kW)	Max.head (m)	Max.flow (L/min)	Suct.Max (m)	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20	22
					Q (L/min)	0	33	67	100	133	167	200	233	267	300	333	367
					H(m)												
MTK 200 (T)	1.5	20.8	400	9		20.8	20	19.1	18.1	17.1	16	14.7	13.5	11.9	10.7	7.4	5.7
MTK 300 (T)	2.2	22.6	417	9		22.6	21.5	20.7	19.7	18.7	17.5	15.8	14.3	13.1	11.9	8.8	7.3

(T) for three phase voltage

PRODUCT DIMENSIONS

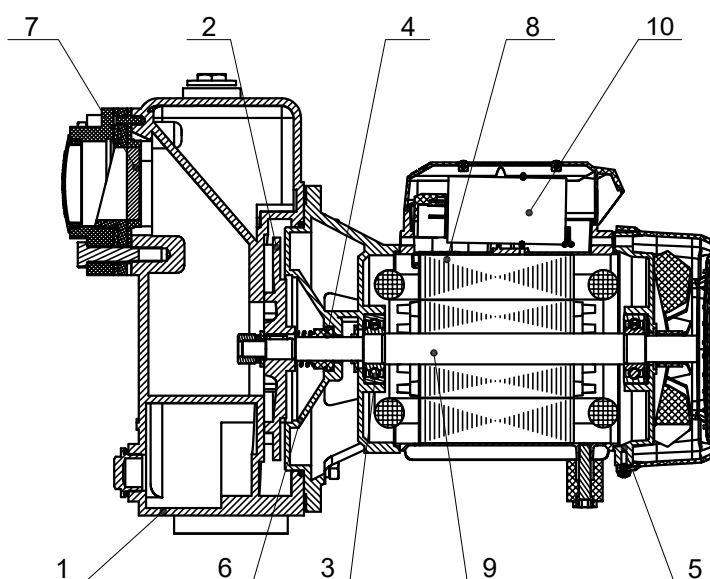


(mm)

Model	DN1	DN2	L	W	H	L1	L2	L3	H1	H2	G.W (kg)	N.W (kg)	Outer box dimension (L×W×H)
MTK 200 (T)	2"	2"	440	226.5	334.5	96	253	66	251.5	237	32.85	37.5	500×260×390
MTK 300 (T)	2"	2"	440	226.5	334.5	96	253	66	251.5	237	33.53	38.35	510×265×390

(T) for three phase voltage

INTRODUCTION PRODUCT PARAMETERS



Item No.	Part Name	Material / Description
1	PUMP BODY	Cast iron
2	IMPELLER	Cast iron
3	BEARING	Deep groove ball bearings
4	MECHANICAL SEAL	Ceramic/graphite
5	END COVER	Plastic
6	COUPLING	Cast iron
7	CHECK VALVE	Prevent water backflow
8	STATOR	Stator core with winding
9	ROTOR	45# steel welded 304 stainless steel
10	CIRCUIT BOX	Plastic