

TDP

Centrifugal Pump

Model Description

TDP 505A



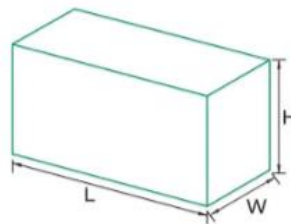
Working Conditions

- Ambient temperature is -5°C - $+40^{\circ}\text{C}$
- Medium temperature 0°C - $+40^{\circ}\text{C}$
- The PH of the medium is between 6.5-8.5
- The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm
- The maximum voltage fluctuation value does not exceed $\pm 10\%$ of the rated value

Advantages & Features

- Wide voltage operation
- Higher temperature resistance of the motor: F-class insulation, temperature resistance of 155°C
- Debris jamming protection
- Stainless steel welded motor rotor shaft, rust-proof, longer service life
- Over-current protection
- Blocking protection
- Nice appearance design

Packing Dimensions

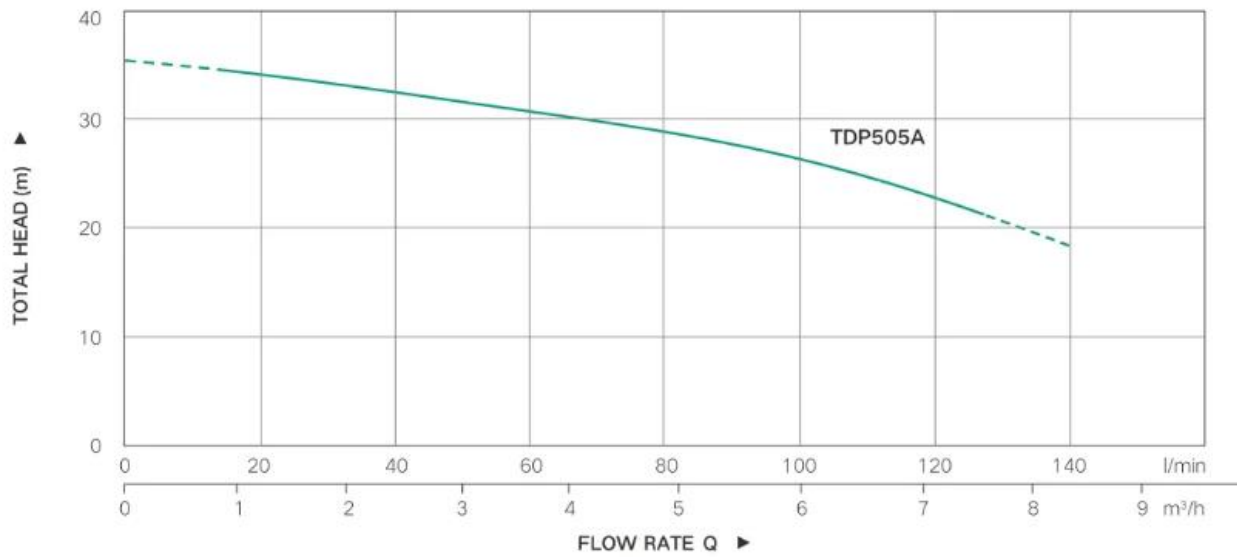


Model	L	W	H
	cm	cm	cm
TDP505A	54,5	23,5	27



- Domestic water supply
- Equipment matching
- Pipeline pressurization
- Garden watering
- Vegetable greenhouse watering
- Engineering construction

Performance Curve



Performance Parameters

Model	Power		Max.suct	Inlet/Outlet	Max.flow	Q(m³/h)	0	1	2	3	4	5	6	7	8
	kW	HP	(m)	In	(l/min)	Q(l/min)	0	17	33	50	67	83	100	117	133
TDP505A	1.1	1.5	30	1.25"x1"	150	H(m)	36	34.5	32.8	31.5	30	28	26	22	18

Product Structure



NO.	Part	NO.	Part	NO.	Part	NO.	Part	NO.	Part
1	Pump body	9	Mechanical seal	17	Shaft key	25	Motor front cover	33	Lower bearing
2	O-ring	10	O-ring	18	Spring washer	26	Water washer	34	Stator
3	Screw	11	Terminal block	19	Motor end cover	27	Washer	35	Screw
4	Diffusor	12	Cable sheath	20	Fan cover	28	Screw	36	Fan
5	Locknut	13	S/S bolt	21	Screw	29	Motor body		
6	Brass impeller	14	Terminal box	22	O-ring	30	Motor foot		
7	Iron diffuser	15	Capacitor	23	Washer	31	Upper bearing		
8	Brass impeller	16	Cable sheath	24	Brass bearing sheath	32	Rotor		