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TCP

Centrifugal Pump

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

Model Meaning

TCP 200 SS

- Stainless steel impeller
- Specification code
- Centrifugal electric pump

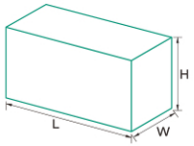
Advantages & Features

- Spiral flow channel pump body design, higher efficiency.
- Different materials impellers for choosing: copper, stainless steel, plastic, more clean.
- Carbon/Ceramic mechanical seal, longer service life.
- Coaxial design of motor and pump, more stable operation.
- The pump is compact, light and easy to install.

Working Conditions

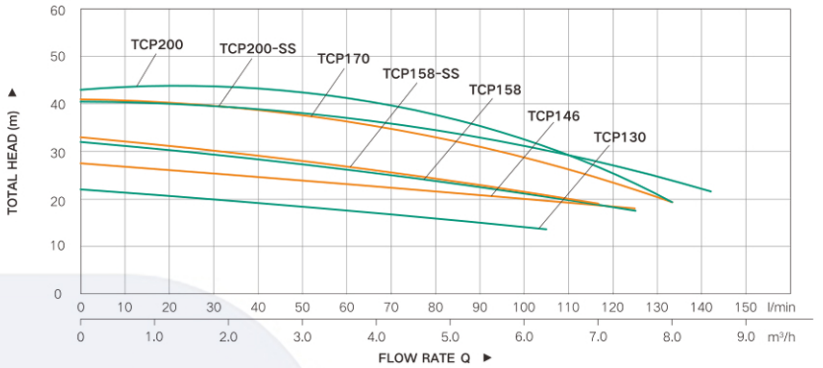
- Ambient temperature is -5℃-+40℃
- Medium temperature 0℃-+40℃
- The pH of the medium is between 6.5-8.5
- The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm
- The maximum voltae fluctuation value does not exceed ± 10% of the rated value

Package Dimensions



Model	L	W	H
	cm	cm	cm
TCP130	29	19	13.8
TCP146	32.8	20.5	27.5
TCP158	32.8	20.5	27.5
TCP170	39	23.5	30
TCP200	39	23.5	30
TCP158-SS	32.8	20.5	27.5
TCP200-SS	39	23.5	30

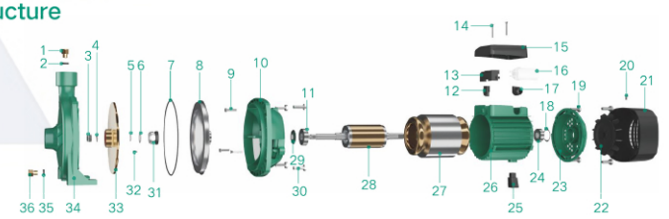
Performance Curve



Performance Parameters

Model	Power		Inlet/Outlet	Max.suct	Max.flow	Max.head	Q(m³/h)	0	1	2	3	4	5	6	6.3	7	7.5	8	8.5
	kW	HP	In	m	l/min	m	Q(l/min)	0	17	33	50	67	83	100	105	117	125	133	141
TCP130	0.37	0.5	1"x1"	8	105	22		22	20	19	17.8	17	15.7	14.2	13.6				
TCP146	0.55	0.75	1"x1"	8	125	27.5		27.5	25.4	24	23	22.6	21.6	20.5	19.4	19	18		
TCP158	0.75	1.0	1"x1"	8	125	32		32	29.7	28	27	25.4	24.2	22.5	21.3	20	17.5		
TCP170	1.1	1.5	1"x1"	8	133	41	H(m)	41	39	38	36.8	36	34.7	33.6	31.8	31.5	29.2	19.3	
TCP200	1.5	2.0	1"x1"	8	133	43		43	41.5	40	38.8	38	37	35.7	34	33.6	31.2	19.3	
TCP158-SS	0.75	1.0	1"x1"	8	117	33		33	31	29.5	27.5	26	24.5	22	21	19			
TCP200-SS	1.5	2.0	1.25"x1"	8	141	40.5		40.5	39	37.4	36	35	34	32.7	32.1	31.8	31.4	31	21.5

Product Structure



NO.	Part	NO.	Part	NO.	Part	NO.	Part	NO.	Part
1	Screw	9	Screw	17	Cable sheath	25	Foot	33	Impeller
2	O-ring	10	Motor front cover	18	Spring washer	26	Motor body	34	Pump body
3	Locknut	11	Bearing	19	Screw	27	Stator	35	O-ring
4	Gasket	12	Plug	20	Bolt	28	Rotor	36	Screw
5	Locking ring	13	Terminal block	21	Fan cover	29	Water washer		
6	Shaft key	14	Bolt	22	Fan	30	Screw		
7	O-ring	15	Terminal box	23	Motor end cover	31	Mechanical seal		
8	Dam-board	16	Capicito	24	Bearing	32	Flat gasket		

تلفن: ۱۰۴ ۲۲ ۸۸۸ ۰۲۱ ـ ۲۹۱ ۴۶ ۸۸۸ ۰۲۱
تلفن همراه: ۰۹ ۴۷۹ ۰۹ ۰۹۱۲
آدرس: تهران ـ خیابان طالقانی ـ خیابان ملک الشعراءِ بهار ـ پاساژ بک ـ طبقه شش ـ واحد چهار