



川源(中国)机械有限公司
GSD (China) Co.,Ltd.



CP

沉水式污物(泥)泵

CP submersible solid handling pump



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CP submersible solid handling pump

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F IP68

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<15kW ≥15kW

≥132kW

-

<15kW ≥15kW

≥18.5kW

-

≥18.5kW

Application

- Wastewater lift station.
- Municipal wastewater treatment plant.
- Building wastewater treatment system.
- Livestock animal husbandry wastewater treatment system.
- Hospital, school, community, etc. wastewater treatment system.
- Food, paper, mining, textile, leather, chemical industry, etc. wastewater treatment system.
- Water purification system.

Features

■ Motor

Squirrel-cage, induction motors are F class insulation, motor protection grade is IP68.

■ Non-clog impeller

Well statically & dynamically balanced Non-Clog impeller is designed to allow sizable spherical solids to pass the flow passage easily without clogging. It adopts rigorous technics so that vibration and noise can be farthest reduced.

■ Mechanical seal

The mechanical seals protect the motor from contacting the pumping liquids. Two seals are in series with each other and individually work to provide the motor with a dual protection.

■ Auto-setter(options)

To allow pump for easy installation, maintenance & repairation, as it is no need to empty the tank first.

■ Leakage detector

Built-in leakage detector in the oil chamber can detect leakage from the damage of the mechanical seal. (Less than 15kW options, No less than 15kW standard).

Built-in leakage detector in the wiring box and motor cavity of large power pumps can check if a leakage in it. The leakage detector offers pump an automatic protection (Not standard, No less than 132kW options)

■ Heat-protector

Built-in heat protector in motor, can prevent the motor from burning out, overload & overheating. (Less than 15kW options, No less than 15kW standard).

Built-in heat protector in bearing, when the bearing is abnormal and the temperature rises to disconnecting temperature, the protector automatically cut off power supply to protect the bearing. (Not standard, no less than 18.5 options).

■ Cooling house (options)

Pumps make use of inner pressure of pump cavity to make liquid continually entering in space between cooling house and motor outer, to take away the heat of the motor. to make sure the regular work of the pump in low water level (No less than 18.5kW options).



Type description

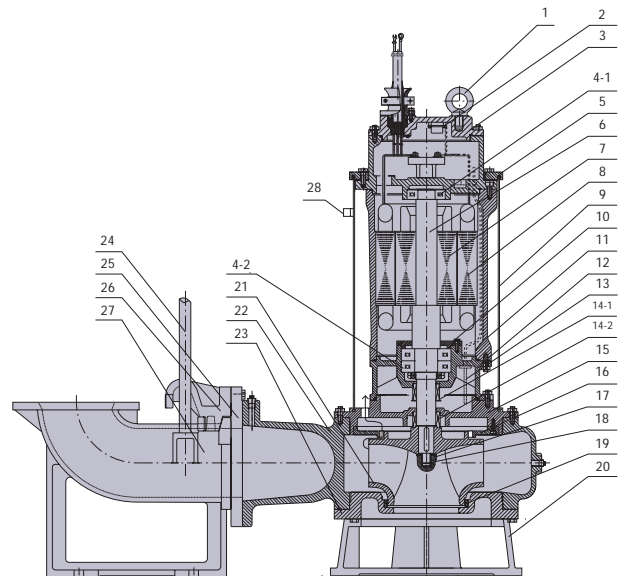
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Outlet diameter (mm)
 Rated power (kW)
 Frequency 5: 50Hz
 Submersible solid handling pump

Construction

NO.	Name	Material	
		GB	JIS
1	Neck bolt	2Cr13	SUS420
2	Heat-Protector	-	-
3	Motor cover	HT200	FC200
4-1	Bearing	-	-
4-2	Bearing	-	-
5	Cooling house flange	Q215A	LSS330
6	Shaft	2Cr13	SUS420
7	Rotor	-	-
8	Stator	-	-
9	Cooling house	0Cr18Ni9	SUS304
10	Bearing cover	HT200	FC200
11	Motor casing	HT200	FC200
12	Bracket	HT200	FC200
13	Leakage detector	-	-
14-1	Mechanical seal	C-Al2O3	C-Al2O3
14-2	Mechanical seal	SiC-SiC	SiC-SiC
15	Oil box	HT200	FC200
16	Oil cover	HT200	FC200
17	Washer	0Cr18Ni9	SUS304
18	Impeller nut	HT200	FC200
19	Seal-ring	LBC2	LBC2
20	Strainer	HT200	FC200
21	Impeller	HT200	FC200
22	Pump casing	HT200	FC200
23	Bottom cover	HT200	FC200
24	Pail piping	Q215A	SS330/SS34
25	Flange setter	HT200	FC200
26	Slide	HT200	FC200
27	Duckfoot	HT200	FC200
28	Discharge	Q215A	SS330/SS34



Different model has a little difference.

Performance parameters

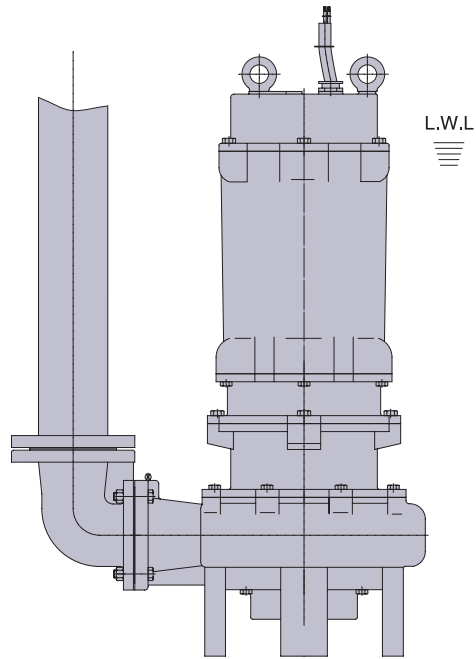
(4P/6P/8P)

Pump model	Pump model	Speed (r/min)	Capacity (m ³ /h)	Head (m)	Eff. η (%)	Motor power (kw)	Dia. (mm)	Weight (kg)
CP522-200(I)	200QW450-10-22	1450	450	10	72	22	200	380
CP522-200	150QW250-18-22	1450	250	18	72	22	200	532
CP530-200(I)	200QW280-22-30	980	280	22	74	30	200	900
CP530-200	200QW420-15-30	980	420	15	76	30	200	718
CP537-200(I)	200QW280-26-37	980	280	26	70	37	200	739
CP537-200(II)	200QW400-24-37	980	400	24	79	37	200	1280
CP537-200	200QW350-22-37	980	350	22	75	37	200	730
CP545-200(I)	200QW250-35-45	980	250	35	67	45	200	1280
CP545-200	200QW300-30-45	980	300	30	72	45	200	896
CP555-200	200QW250-40-55	980	250	40	65	55	200	958
CP575-200	200QW350-40-75	980	350	40	70	75	200	1650
CP515-250	250QW500-6-15	1450	500	6	71	15	250	380
CP519-250(I)	250QW350-10-18.5	1450	350	10	71	18.5	250	550
CP519-250	250QW600-6-18.5	1450	600	6	71	18.5	250	545
CP522-250	250QW700-6-22	1450	700	6	73	22	250	630
CP530-250	250QW460-13-30	980	460	13	75	30	250	738
CP537-250	250QW500-15-37	980	500	15	77	37	250	741
CP545-250	250QW420-22-45	980	420	22	76	45	250	938
CP555-250	200QW400-30-55	980	400	30	72	55	250	976
CP575-250(I)	250QW700-22-75	990	700	22	78	75	250	1700
CP575-250(II)	250QW600-25-75	990	600	25	69	75	250	1750
CP575-250	250QW500-30-75	980	500	30	76	75	250	1650
CP590-250	250QW600-30-90	990	600	30	70	90	250	2000
CP5110-250	250QW700-33-110	990	700	33	73	110	250	2200
CP530-300	250QW600-10-30	980	600	10	75	30	300	755
CP537-300	250QW750-10-37	980	750	10	77	37	300	795
CP545-300(I)	250QW1260-8-45	980	1260	8	71	45	300	1280
CP545-300	250QW600-15-45	980	600	15	78	45	300	963
CP555-300(I)	300QW800-15-55	980	800	15	78	55	300	1000
CP555-300	250QW520-22-55	980	520	22	75	55	300	982
CP590-300	300QW850-22-90	980	850	22	79	90	300	1800
CP5110-300(I)	300QW1100-22-110	980	1100	22	79	110	300	2000
CP5110-300	300QW950-24-110	990	950	24	80	110	300	2200
CP530-350	300QW1000-6-30	980	1000	6	75	30	350	785
CP537-350	350QW1300-6-37	980	1300	6	77	37	350	790
CP545-350	350QW900-10-45	980	900	10	75	45	350	984
CP555-350	350QW1100-10-55	980	1100	10	75	55	350	1115
CP575-350	350QW-1100-15-75	980	1100	15	78	75	350	1430
CP590-350(I)	350QW1500-15-90	990	1500	15	80	90	350	2000
CP590-350	350QW1200-18-90	990	1200	18	78	90	350	2000
CP5132-350	350QW1085-28-132	740	1085	28	67	132	350	2500
CP5160-350	350QW1000-36-160	740	1000	36	61	160	350	2880
CP575-400	400QW1500-10-75	990	1500	10	80	75	400	1436
CP590-400	400QW2000-10-90	980	2000	10	80	90	400	1250
CP5132-400	400QW2000-15-132	740	2000	15	72	132	400	2520
CP5160-400(I)	400QW1700-22-160	740	1700	22	64	160	400	2880
CP5160-400	400QW1500-26-160	740	1500	26	72	160	400	2880
CP5200-400	400QW1700-30-200	740	1700	30	67	200	400	3850
CP5250-400(I)	400QW2400-22-250	740	2400	22	75	250	400	4280
CP5250-400	400QW1800-32-250	740	1800	32	62	250	400	4690
CP5110-450	450QW2200-10-110	990	2200	10	80	110	450	2200
CP5160-500	500QW2600-15-160	740	2600	15	78	160	500	2880
CP5250-500	500QW2650-24-250	740	2650	24	80	250	500	4690

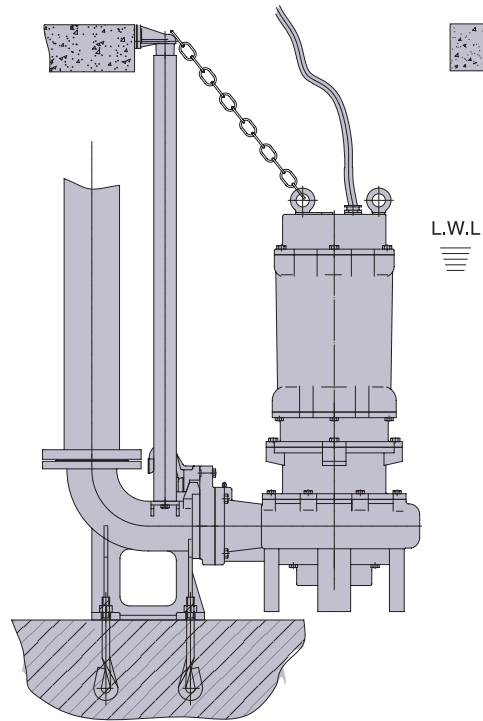


Installation sketch map

without autsetter



with autsetter



欢迎索取以下产品型录



泵系列



搅拌推流系列



供氧曝气系列



风机系列



污泥处理设备
及其他



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We reserve the right to change content without notice.

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