

High Capacity Centrifugal Pump Agriculture



Model:CS

YINJIA Pump is a professional surface clean water pump manufacturer in China since 1990, has specialized in manufacturing various of surface clean water pumps, as well as providing quality high capacity centrifugal pump agriculture for the world. We are committed to providing high quality product at a competitive price and backed up with superior service. Welcome to inquiry for

high capacity centrifugal pump agriculture.

YINJIA is China manufacturer & supplier who mainly produces high capacity centrifugal pump agriculture with many years of experience. Hope to build business relationship with you. CS series high capacity centrifugal pump agriculture belongs to the electrical centrifugal pump category, is a classical and popular pump in the global market. Single phase and three phase are available. The Heavy duty electric water pump suitable to cover any small, medium or large capacity request, for domestic, agricultural and industrial purposes. Pumps should be installed in a covered area, protected against the weather.

Product Feature And Application

- **APPLICATIONS**
 - Suitable for use with clean water, or non-aggressive liquids only, without sand or other solid impurities.
 - Suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold hot water, and supporting equipment etc.
- **DESIGN FEATURES**
 - Pump body/motor bracket: cast iron
 - Impeller: cast iron
 - 100% copper winding
 - Built-in thermal protector for single phase motor
 - Motor shaft: AISI 304 welded shaft
 - Mechanical seal: Graphite/Ceramic/NBR/S. S304
- **SPECIAL FEATURES ON REQUEST**
 - Anti-rust treatment for casting
 - Brass impeller
 - AISI 1045 motor shaft
 - Carbon/SiC/V mechanical seal
 - Other voltage and frequency
 - Insulation class: F
- **OPERATING LIMITS**
 - Total suction lift up to 6-8 mt. with foot valve
 - Max. operating pressure: 8 bar.

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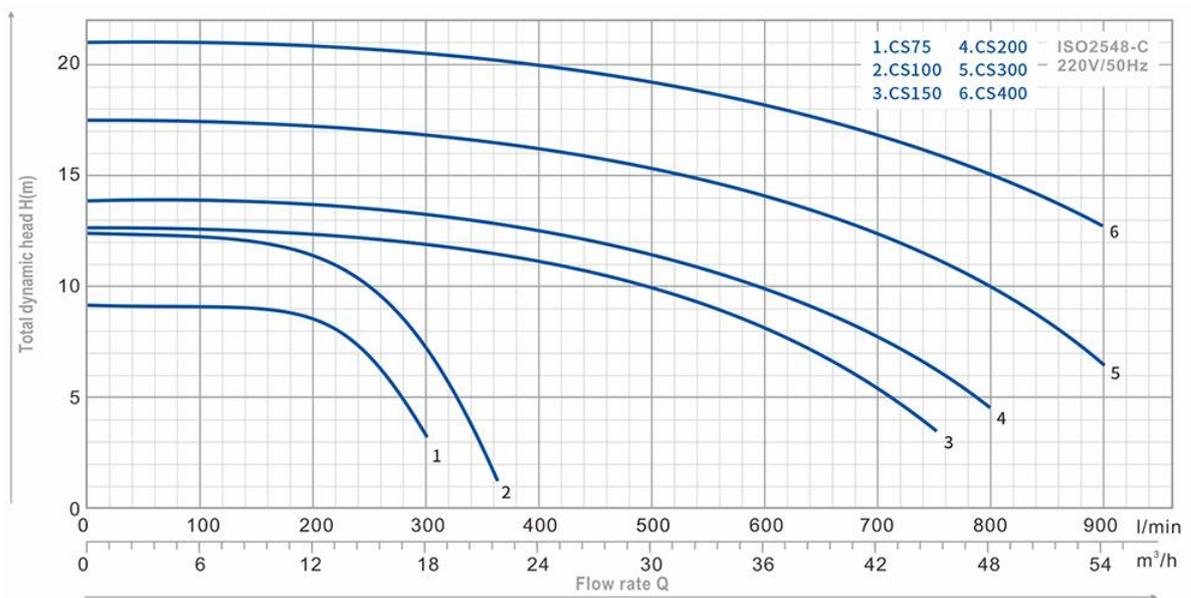
- Max. ambient temperature: +40 °C
- Max. liquid temperature: +90 °C
- Max. altitude: +1000 mt.

- MOTOR**

- Insulation class: B
- Protection: IP44
- Speed of rotation: 2850rpm
- Continuous duty: S1

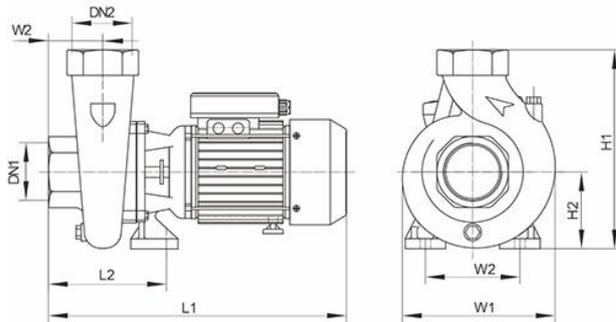
Product Parameter (Specification)

PERFORMANCE



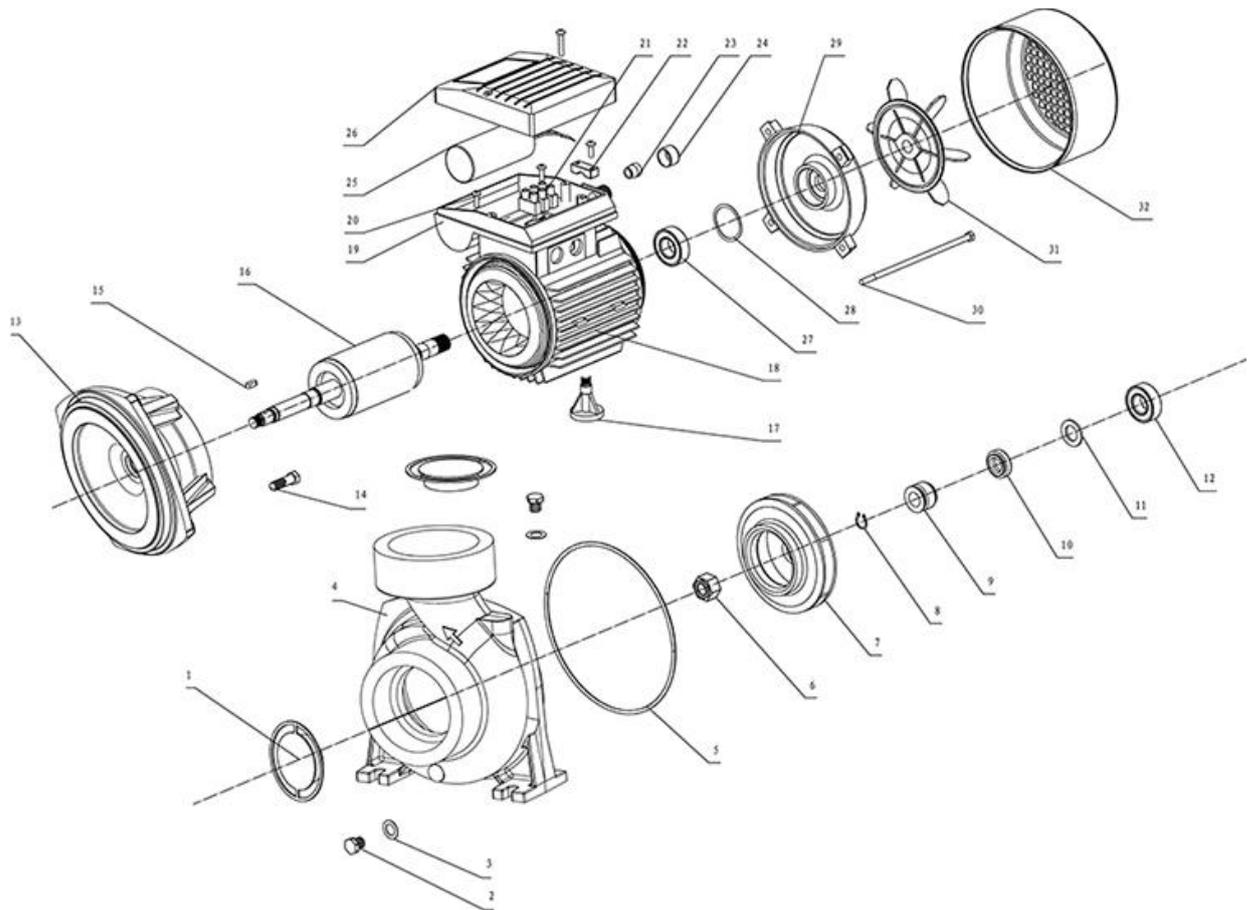
TYPE	Power		μF	Ampere I max.		Q l/min m³/h	H (m)										DN1	DN2	N.W (kg)	Package Dimension (mm)			
	HP	kW		220V-1 50Hz	380V 50Hz		0	100	200	300	400	500	600	700	800	900				L	W	H	
CS75	0.75	0.55	16	3.7	1.5	9.5	9.5	9	4	-	-	-	-	-	-	-	-	2"	2"	15	340	210	265
CS100	1.0	0.75	20	5.0	2.5	12.5	12.5	12	7.5	-	-	-	-	-	-	-	-	2"	2"	16.5	340	210	265
CS150	1.5	1.1	30	6.0	3.5	13	13	13	12.5	11	10	8.5	6	-	-	-	-	2"	2"	25	410	235	305
CS200	2.0	1.5	35	8.2	4.0	14	14	14	13.7	13	12	10	7.5	6	-	-	-	2"	2"	26	410	255	320
CS300	3.0	2.2	45	10.2	4.5	17.5	17.5	17.2	17	16.5	15.5	14.2	13	10.5	6.5	-	-	3"	3"	32	465	280	345
CS400	4.0	3.0	-	-	6.5	21	21	21	20.5	20	19	18	17.2	15.5	13	-	-	3"	3"	36	480	280	350

DIMENSIONS



TYPE	L1	W1	H1	L2	W2	H2
CS75	318	180	248	55	115	97
CS100	318	180	248	55	115	97
CS150	390	220	286	56.5	140	114
CS200	390	220	286	56.5	140	114
CS300	445	227	298	80.5	140	116
CS400	458	230	300	80.5	140	116

CS SERIES EXPLODING DRAWING



Ser.No.	Part Name	Ser.No.	Part Name	Ser.No.	Part Name
1	plastic cover	12	Bearing	23	Cable Seal
2	Drain Plug	13	Front Cover	24	Cable Presser
3	flat gasket	14	Screw	25	Capacitor
4	Pump body	15	Shaft key	26	Terminal box Cover
5	O ring	16	rotor	27	Bearing
6	Self-locking Nut	17	Supporting Foot	28	Spring Washer
7	Impeller	18	Stator	29	End Motor Cover
8	Snap ring	19	Terminal box	30	Tie Bolt
9	Mechanical seal	20	Screw	31	Fan
10	Mechanical seal	21	Connection Poles	32	Fan Cover
11	Splash guard	22	Pressing block		