

60HZ



CPS-SERIES
Stainless steel pump
(SUS304 or SUS316)

Operating Conditions

1. Ambient temperature: 0~+50°C.
2. Liquid temperature: 0~+60°C.
3. For clean water without solid abrasives.
No flammable or corrosive liquids.
4. Working pressure: Max. 10 bar.

Applications

1. Heating and cooling water circulation.
2. Broad range of industrial applications.
3. Open loop and close loop water circuit systems.
4. Water supply and pressure boosting systems.
5. Process water for paper mill, brewery, refinery.
6. Boiler feed, washing and cleaning system.
7. Water supply and disposal for households.
8. Water circulation for cooling tower, air-condition facilities.

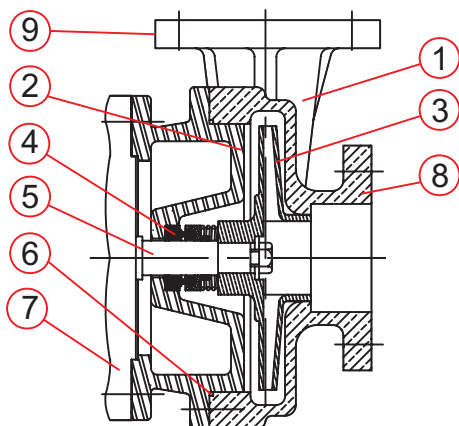
Features

1. The motor and pump are connected with the same shaft, for eliminating fluctuation and reducing installation and maintenance cost.
2. Special volute channel design for silent operation and high efficiency.
3. Compact & robust structure for saving space and easy installation.

Motor Spec.

1. Voltage: Single phase 220V(0.5~2HP)
Three phase 220/380/440/660V
2. Frequency: 60HZ
3. Enclosed class: IP54
4. Insulation: E, B, F
5. Enclosed Fan cooled, 2 or 4 Pole induction motor.

Sectional View

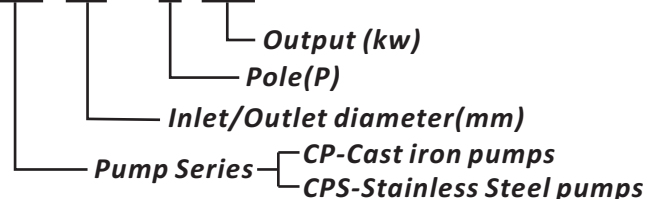


Part name	Standard Material	Substitute Material
1. Pump casing	FC200	SUS304/SUS316
2. Back cover	FC200	SUS304/SUS316
3. Impeller	Bronze	SUS304/SUS316
4. Mechanical seal	CA/CE	SIC/SIC
5. Main shaft	SUS420	SUS304/SUS316
6. O-ring	NBR	TEFLON
7. Motor casing	FC200	-----
8. Inlet flange	SS400	SUS304/SUS316
9. Outlet flange	SS400	SUS304 /SUS316

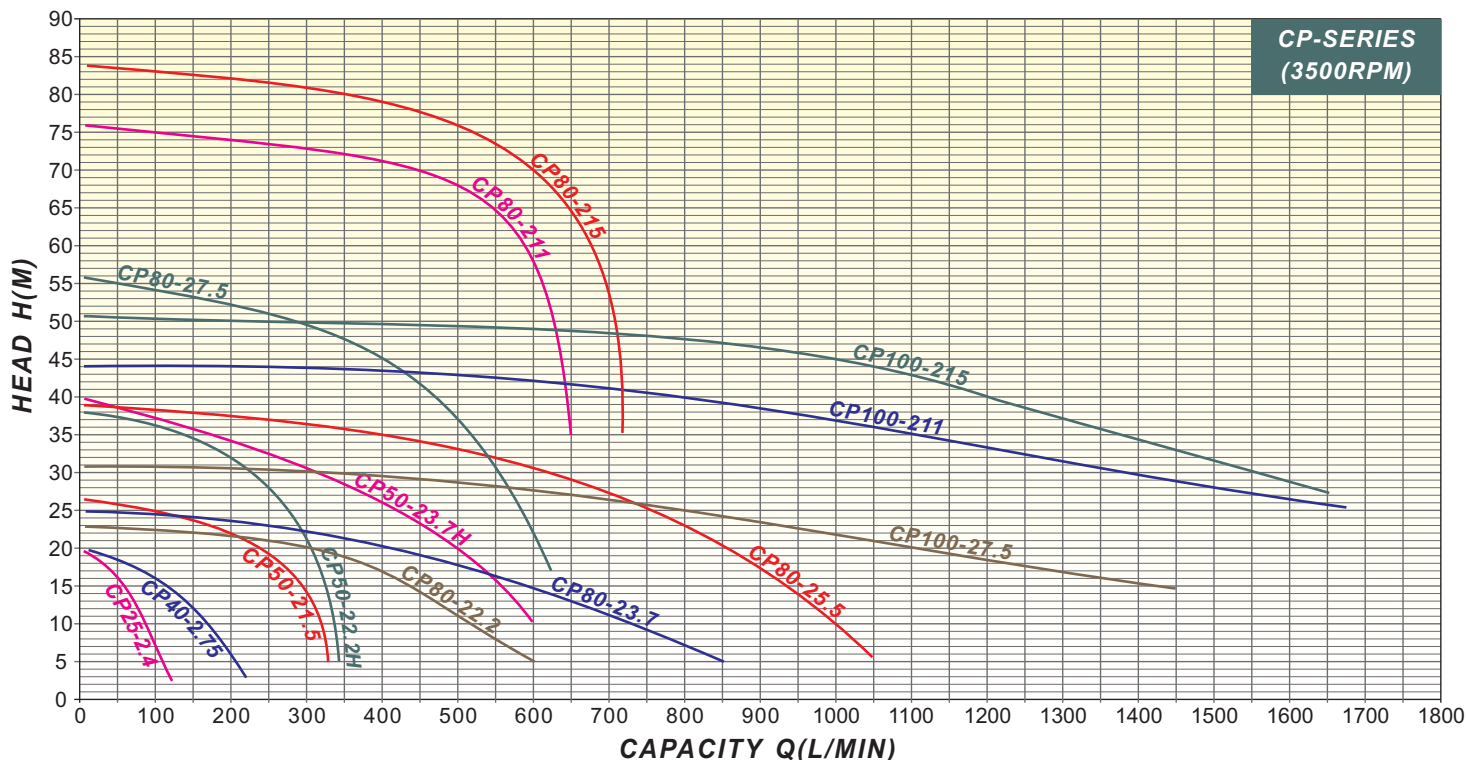
Model Code

60HZ

CP 80 - 2 2.2



Performance Curves



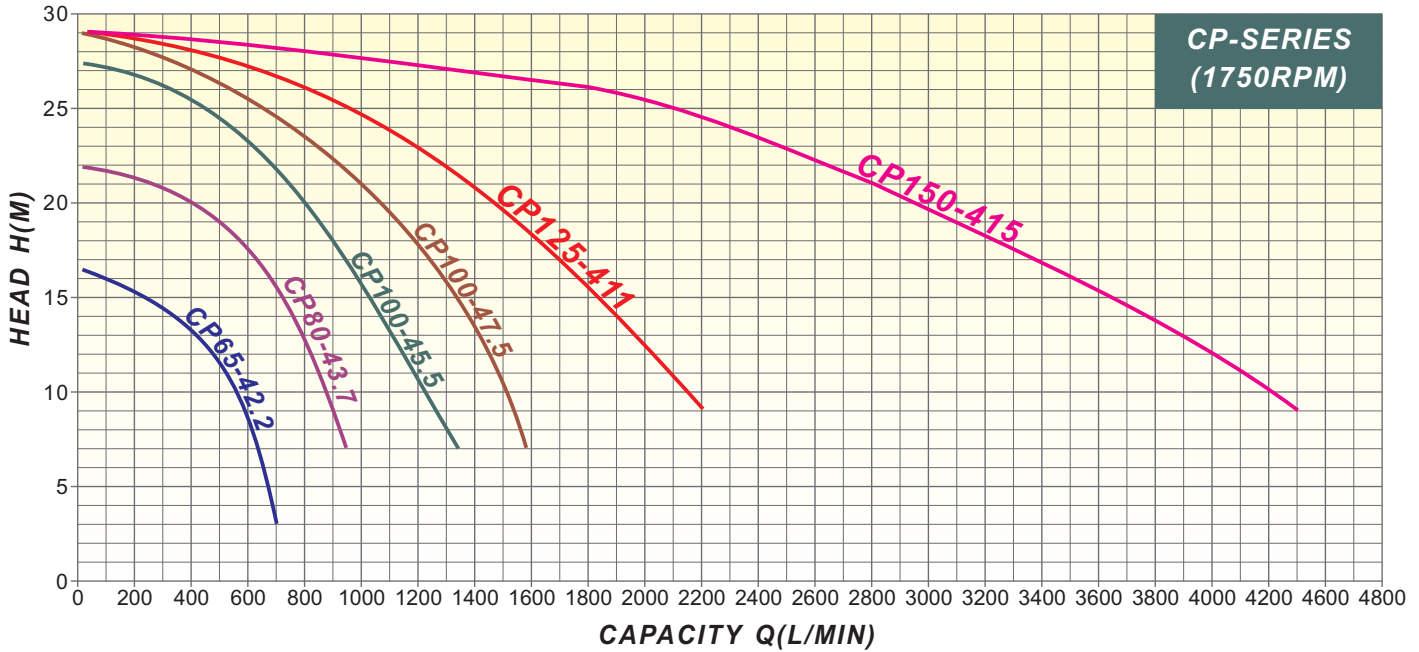
Specification & Performance Table

Model	Impeller Dia. MM	Output(P2)		Pole P	Inlet Inch	Outlet Inch	Max. Head		Rated Head		Rated Capacity	
		HP	KW				M	FT	M	FT	L/min	Gal/min
CP25-2.4	110	0.5	0.37	2	1"	1"	20	66	10~15	33~49	85~60	22.5~16
CP40-2.75	108	1	0.75	2	1.5"	1.5"	20	66	12~16	39~52	150~100	39.5~26.5
CP50-21.5	122	2	1.5	2	2"	2"	25.5	84	18~20	59~66	270~240	71.5~63.5
CP50-22.2H	150	3	2.2	2	2"	2"	38	125	25~30	82~98	280~230	74~61
CP80-22.2	117	3	2.2	2	3"	3"	23	75	11~17	36~56	500~400	132~105.5
CP50-23.7H	160	5	3.7	2	2"	2"	40	131	20~26	66~85	500~400	132~105.5
CP80-23.7	134	5	3.7	2	3"	3"	25	82	13~19	43~62	650~450	171.5~119
CP80-25.5	149	7.5	5.5	2	3"	3"	39	128	29~34	95~112	650~450	171.5~119
CP80-27.5	183	10	7.5	2	3"	3"	56	184	37~45	121~148	500~400	132~105.5
CP100-27.5	149	10	7.5	2	4"	4"	31	102	20~25	66~82	1100~800	291~211
CP80-211	207	15	11	2	3"	3"	76	249	58~68	190~223	600~500	158.5~132
CP100-211	178	15	11	2	4"	4"	44	144	35~40	115~131	1100~800	291~211
CP80-215	214	20	15	2	3"	3"	84	276	70~76	230~249	600~500	158.5~132
CP100-215	190	20	15	2	4"	4"	51	167	40~45	131~148	1200~1000	317~264

Special specifications are available upon request.

Performance Curves

60HZ



Specification & Performance Table

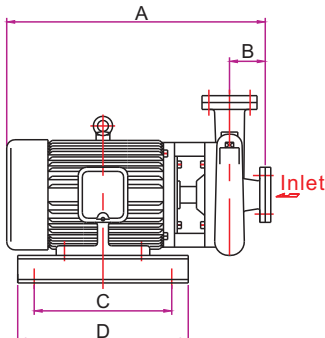
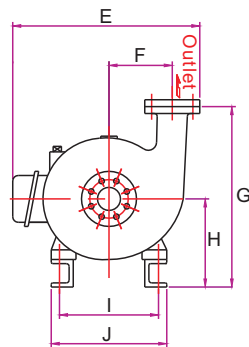
Model	Impeller Dia. MM	Output(P2)		Pole P	Inlet Inch	Outlet Inch	Max. Head		Rated Head		Rated Capacity	
		HP	KW				M	FT	M	FT	L/min	Gal/min
CP65-42.2	200	3	2.2	4	2.5"	2.5"	16.5	54	12.5~14	41~46	450~350	119~92.5
CP80-43.7	214	5	3.7	4	3"	3"	22	72	16.5~19	54~62	650~500	171.5~132
CP100-45.5	245	7.5	5.5	4	4"	4"	27.5	90	13~20	43~66	1100~800	291~211
CP100-47.5	240	10	7.5	4	4"	4"	29	80	19.5~23.5	64~77	1100~800	291~211
CP125-411	240	15	11	4	5"	5"	29	95	17~20	56~66	1700~1450	449~383
CP150-415	250	20	15	4	6"	6"	29	95	21~25	69~82	2800~2100	740~555

Special specifications are available upon request.

Dimensions

(2P, 3500rpm, 60Hz)

(unit:mm)



Model	A	B	C	D	E	F	G	H	I	J	Weight
CP25-2.4	335	45	205	230	243	65	181	86	112	146	20kg
CP40-2.75	348	45	205	230	264	70	220	95	125	160	25kg
CP50-21.5	408	62	238	260	306	82	242	105	140	175	36kg
CP50-22.2H	395	49	238	260	319	95	265	115	140	175	43kg
CP80-22.2	411	59	238	260	319	80	265	105	140	175	43kg
CP50-23.7H	481	74	265	300	355	100	297	142	190	240	68kg
CP80-23.7	481	76	265	300	355	100	297	142	190	240	68kg
CP80-25.5	523	73	265	300	388	100	320	162	216	266	90kg
CP80-27.5	559	81	265	300	429	120	327	162	216	266	103kg
CP100-27.5	570	92	265	300	415	110	330	160	216	266	111kg
CP80-211	676	81	350	400	508	140	410	230	254	308	147kg
CP100-211	688	90	345	400	500	145	390	200	270	325	164kg
CP80-215	676	81	350	400	508	140	410	230	254	308	175kg
CP100-215	688	90	345	400	500	145	390	200	270	325	180kg

(4P, 1750rpm, 60Hz)

(unit:mm)

Model	A	B	C	D	E	F	G	H	I	J	Weight
CP65-42.2	447	65	250	300	415	150	320	170	160	205	59kg
CP80-43.7	488	81	250	300	423	140	362	182	190	235	87kg
CP100-45.5	579	104	250	300	473	155	425	202	216	260	115kg
CP100-47.5	617	104	250	300	473	155	425	202	216	260	128kg
CP125-411	696	97	350	400	555	155	458	230	254	308	185kg
CP150-415	775	121	350	400	588	173	470	230	254	308	220kg

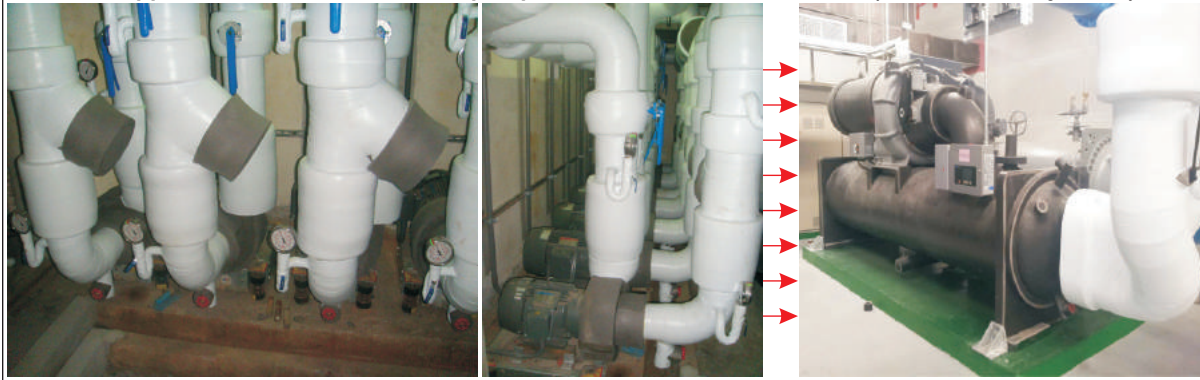
Actual applications of CP pumps

60HZ

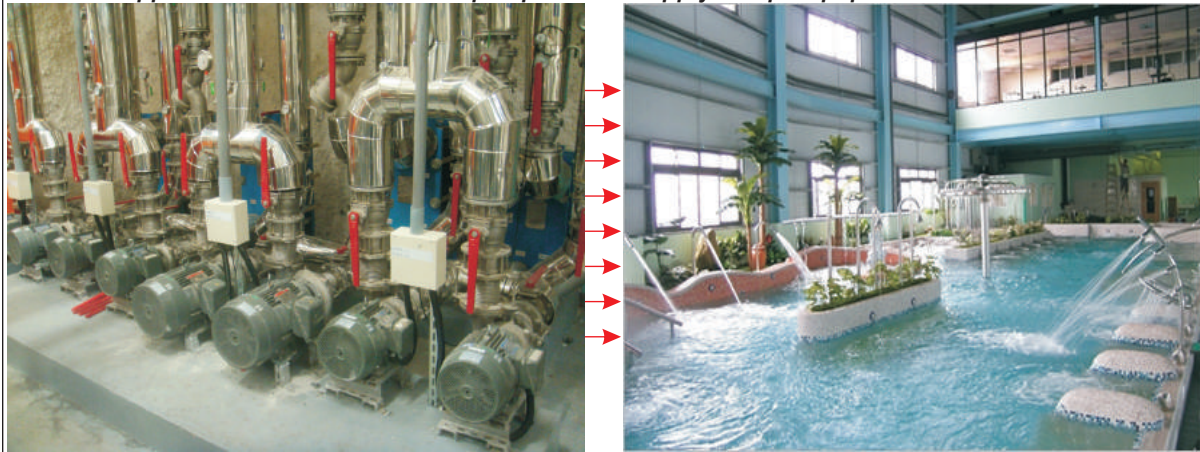
1. Actual applications of EVERGUSH CP pumps~Water circulation for Cooling Tower(air-condition systems)



2. Actual applications of EVERGUSH CP pumps~Water circulation for chiller(air-condition systems)



3. Actual applications of EVERGUSH CP pumps~Water supply for spa equipment



4. Actual applications of EVERGUSH CP pumps~Water circulation for swimming pool

