



Industrial Sludge Pump Manufacturer

JOOHO INDUSTRIAL

Since Established 1991.
We have made the Best Quality
Industrial Pump



JOOHO INDUSTRIAL CO.,LTD

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High efficiency & Energy saving
SCREW PUMP



JOOHO INDUSTRIAL CO.,LTD

SCREW PUMP



APPLICATION

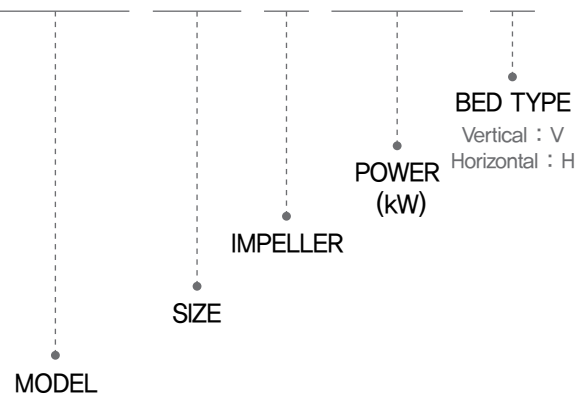
- Public Facilities : Waste water, Sludge, Sewage, Animal dung, Food waste disposal Factory
- Construction industry : Septic tank, Transferring waste water, Sand & Gravel, Corrosive/abrasive liquid
- Paper industry : Pulp & paper, Waste water disposal
- Chemistry sludge, Leather, Paper, Butchery waste water ETC

FEATURE

- Minor head and unique three dimension impeller, which allows flow flecion in the severe circumstance without blockage.
- Improved efficiency for 20~30% from existing non-clog pumps
- Excellent Endurance by high chrome cast iron
- Less change at various total head difference realizes easy control of fluid volume
- Korean patent(1796437)- Pump and parts protected against breakage by a double barrier system of the central bulkhead plating and the bearing protection system

Designation

CSP 50 S 075 H



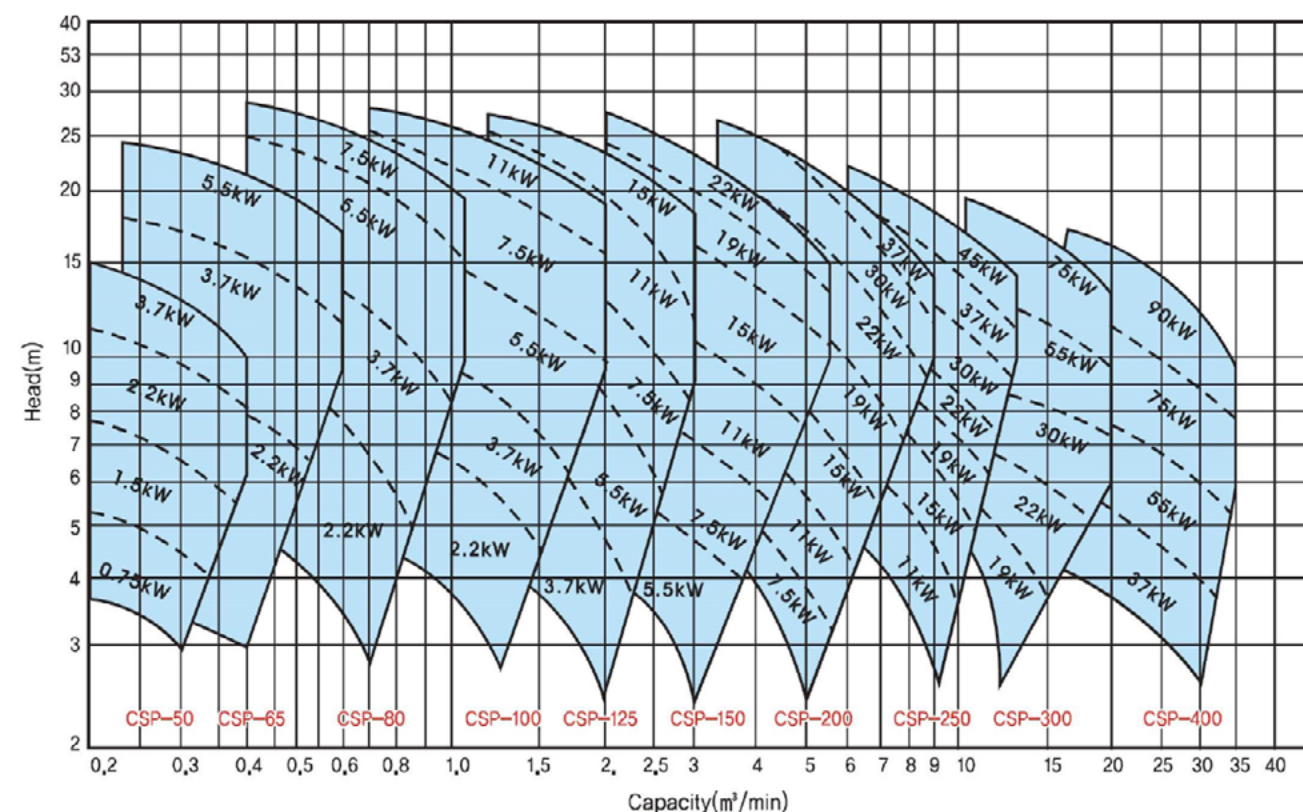
Standard Specifications

SECTOR	SPECIFICATIONS	
FLOW	0.01~40.0m³/min	
HEAD	0.8~27mH	
TEMPARATURE	0 to 80 °C (32 to 176 °F)	
MOTOR	50~60Hz, 220/380/440V	
FLANGE	KS(JIS), DIN, ANSI	
CONSTRUCTION	IMPELLER	SCREW / HELIMAX SCREW
	SHAFT	M/C SEAL / GRAND PACKING
	BEARING	SEALD BALL BEARING / OIL BATH

Specifications

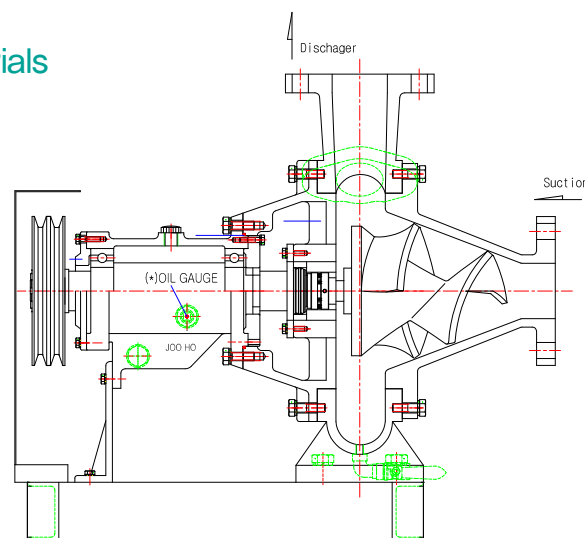
MODEL	BORE HOLE (mm)		FLOW (m³/min)		HEAD (m)		POWER (kW)		WEIGHT (kg)
	SUCTION	DISCHARGE	MIN	MAX	MIN	MAX	MIN	MAX	
CSP-50	50	50	0.15	0.8	3	20	2.2	7.5	110
CSP-65	65	65	0.3	1.0	3	20	2.2	7.5	170
CSP-80	80	80	0.4	1.0	3	25	2.2	11	220
CSP-100	100	100	0.5	3.0	3	25	2.2	15	290
CSP-125	125	125	2.0	4.0	5	25	3.7	22	490
CSP-150	150	150	3.0	6.0	4	25	5.5	45	690
CSP-200	200	200	5.0	10	4	20	7.5	55	810
CSP-250	250	250	6.0	15	5	20	19	75	980
CSP-300	300	300	7.0	25	5	20	19	75	1200
CSP-400	400	400	15	40	5	20	37	90	1320

Selection Chart



- Please contact us if you will use the pump which is outside the range of this selection.
- The number in this selection is motor output(kW) , is based on clear water with a specific gravity of 1.0.

► Sectional View & Materials

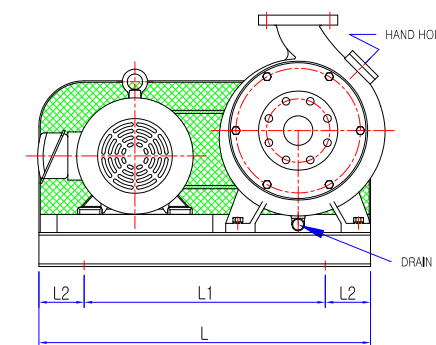
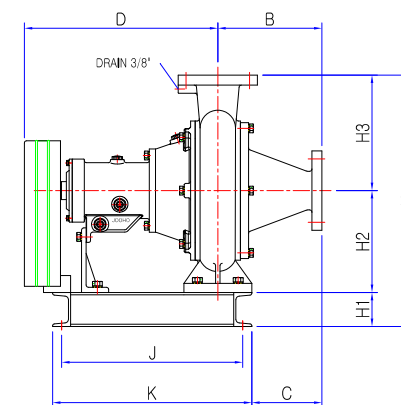


You can choose material of Casing, Hand hole, Suction cover, Impeller, M-van, Shaft depending on the situation.

MODEL	Material								Hydro Test (kg/cm ²)
	Casing			Impeller			Shaft		
	Standard	Option		Standard	Option		Standard	Option	
CSP-50	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	General Test Pressure is according to 130% of Head Requirement, but minimum test pressure is 1.5kg/ cm ² .
CSP-65	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-80	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-100	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-125	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-150	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-200	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-250	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-300	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	
CSP-400	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	

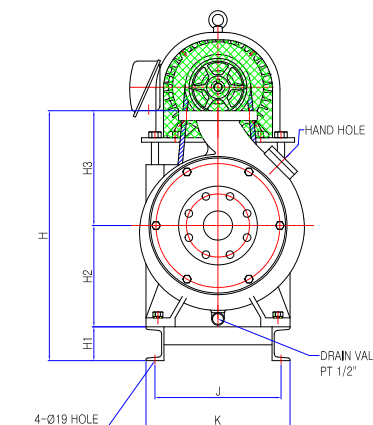
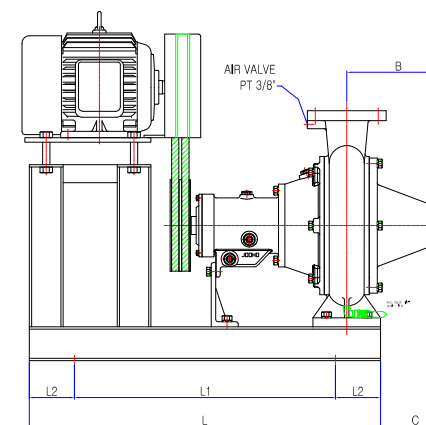


► Dimension _Horizontal type



MODEL	BORE	B	C	H	H1	H2	H3	L	L1	L2	J	K
CSP-50	50A	230	155	555	75	220	260	650	450	100	440	470
CSP-65	65A	230	155	555	75	225	255	650	450	100	440	470
CSP-80	80A	295	175	575	75	225	275	700	500	100	450	480
CSP-100	100A	305	180	650	100	250	300	950	710	120	480	520
CSP-125	125A	370	220	795	125	295	375	1100	860	120	540	580
CSP-150	150A	370	220	805	125	305	375	1200	900	150	590	640
CSP-200	200A	405	285	955	125	405	425	1350	1050	150	860	900
CSP-250	250A	450	305	1036	150	410	470	1400	1100	150	1040	1100
CSP-300	300A	465	348	1120	150	433	537	1450	1150	150	1340	1400
CSP-400	400A	It can be made to order.										

► Dimension_ Vertical type



MODEL	BORE	B	C	H	H1	H2	H3	L	L1	L2	J	K
CSP-50	50A	230	155	555	75	220	260	780	580	100	280	320
CSP-65	65A	230	155	555	75	225	255	780	580	100	280	320
CSP-80	80A	295	175	575	75	225	275	900	700	100	330	360
CSP-100	100A	305	180	650	100	250	300	1000	800	100	330	380
CSP-125	125A	370	220	795	125	295	375	1150	850	150	510	575
CSP-150	150A	370	220	805	125	305	375	1150	850	150	510	575
CSP-200	200A	405	285	955	125	405	425	1300	1000	150	495	560
CSP-250	250A	450	305	1036	150	410	470	1500	1200	150	630	700
CSP-300	300A	465	348	1120	150	433	537	1600	1300	150	700	760
CSP-400	400A	It can be made to order.										

HELIMAX SCREW PUMP



APPLICATION

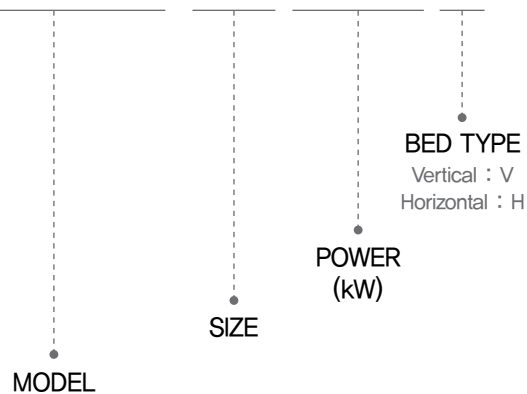
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- Construction industry : Septic tank, Transferring waste water, Sand & Gravel, Corrosive/abrasive liquid
- Paper industry : Pulp & Paper, Waste water disposal

FEATURE

- Integration of non-clog screw impeller and mixed flow impeller
- Highest efficiency and durability among non-clog impeller pumps
- Excellent Endurance by high chrome cast iron
- Less change at various total head difference realizes easy control of fluid volume
- Flood prevention Equipment
- Korean patent(1796437)– Pump and parts protected against breakage by a double barrier system of the central bulkhead plating and the bearing protection system

Designation

CSP-H 80 7.5 H



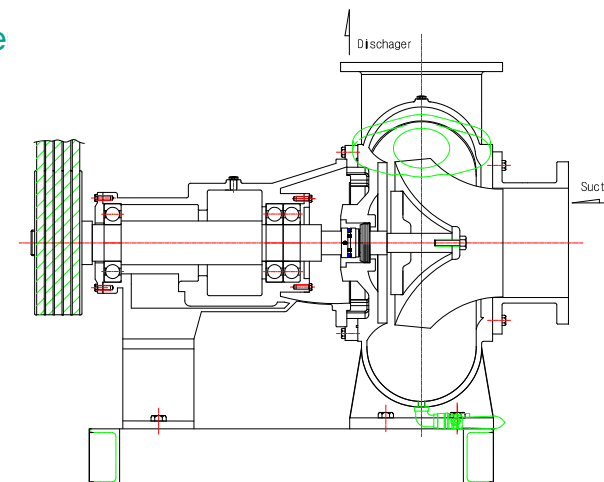
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	SUCTION	DISCHARGE	MIN	MAX	MIN	MAX	MIN	MAX	
CSP-H-300	300	300	2.5	18	3.0	15	22	110	980
CSP-H-400	400	400	3.0	35	3.5	13	30	160	1200

Sectional View & Mate

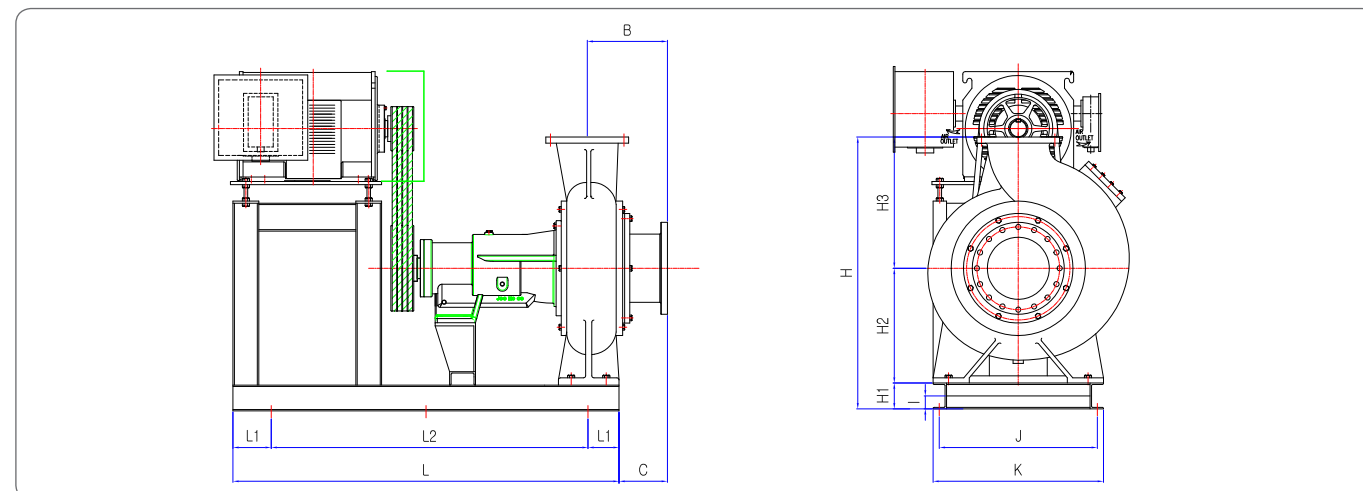


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MODEL	Material							Hydro Test (kg/cm ²)
	Casing			Impeller			Shaft	
	Standard	Option		Standard	Option		Standard	Option
CSP-H-300	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304
CSP-H-400	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304

General Test Pressure is according to 130% of Head Requirement, but minimum test pressure is 1.5kg/ cm².

Dimension_ Vertical type



MODEL	BORE	B	C	H	H1	H2	H3	I	L	L1	L2	J	K
CSP-H-300	300A	410	215	1210	200	510	500	100	2100	150	1800	740	820
CSP-H-400	400A	410	215	1320	200	570	650	100	2100	150	1800	740	820