



Industrial Sludge Pump Manufacturer
JOOHO INDUSTRIAL

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



JOOHO INDUSTRIAL CO.,LTD

Headquater & Main Factory : 42-56 Daegotbukro 305 Daegotmyeon Gimposi Gyeonggido Korea
TEL : +82-2-1833-9288 FAX : +82-31-983-5391
E-mail : spurtpump@hanmail.net / louisgon@spurtpump.co.kr
www.en.spurtpump.co.kr

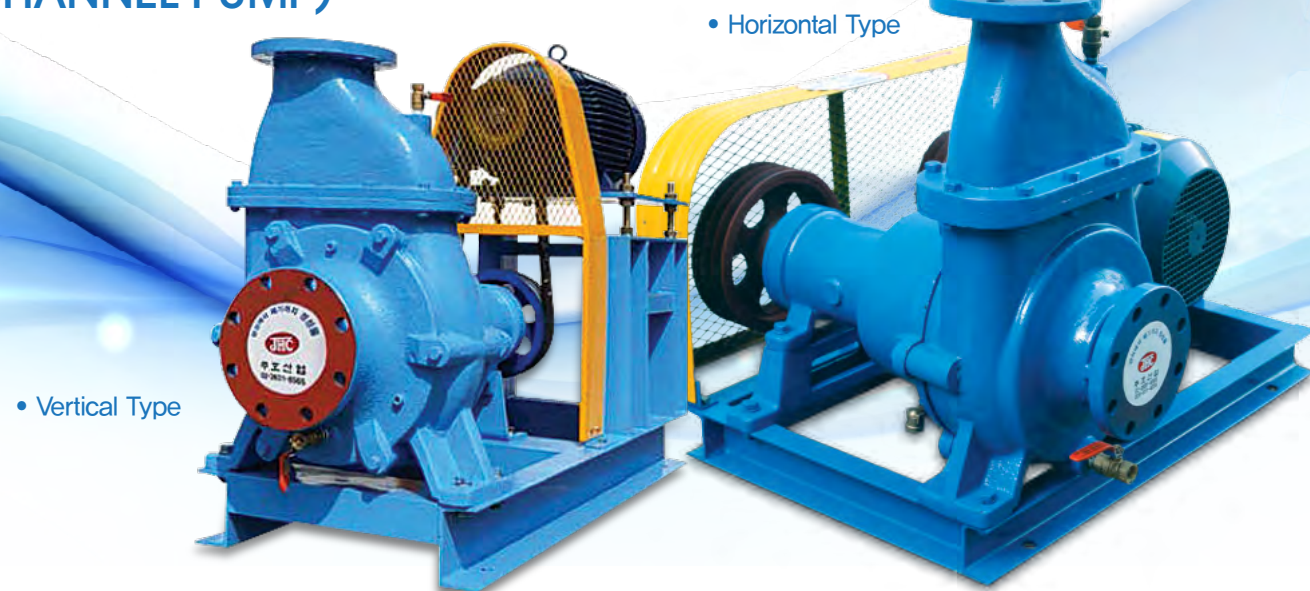
High efficiency & Energy saving
SPURT PUMP
(CHANNEL PUMP)



JOOHO INDUSTRIAL CO.,LTD

SPURT PUMP

(CHANNEL PUMP)



APPLICATION

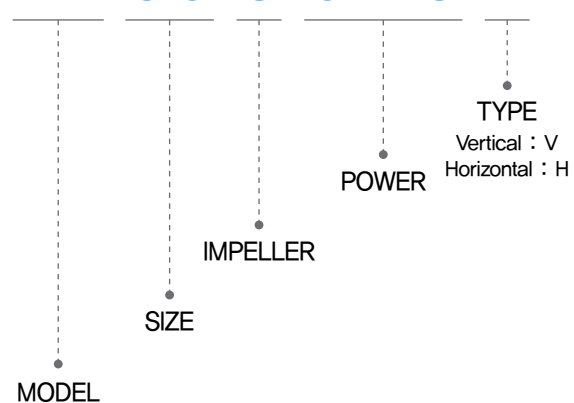
- Public facilities : Waste water, Sludge, Sewage, Animal dung, Food waste disposal
- Construction industry : Septic tank, Transferring waste water, Sand & Gravel, Corrosive/abrasive liquid
- Paper industry : Pulp & paper, Waste water disposal
- Aquaculture industry : Transferring fresh fish, Sea water, Deposited sand
- Chemistry sludge, Leather, Paper, Butchery waste water ETC

FEATURE

- The high-purchasing product for highly concentrated sludge
- NON CLOG, NON DAMAGE designed pump
- Maximum 30 years of endurance
- Korean patent(1796437)- Pump and parts protected against breakage by a double barrier system of the central bulkhead plating and the bearing protection system
- Portable type, vertical type, horizontal type, under discharge type for purpose

Designation

JH 50 S 0.75 H



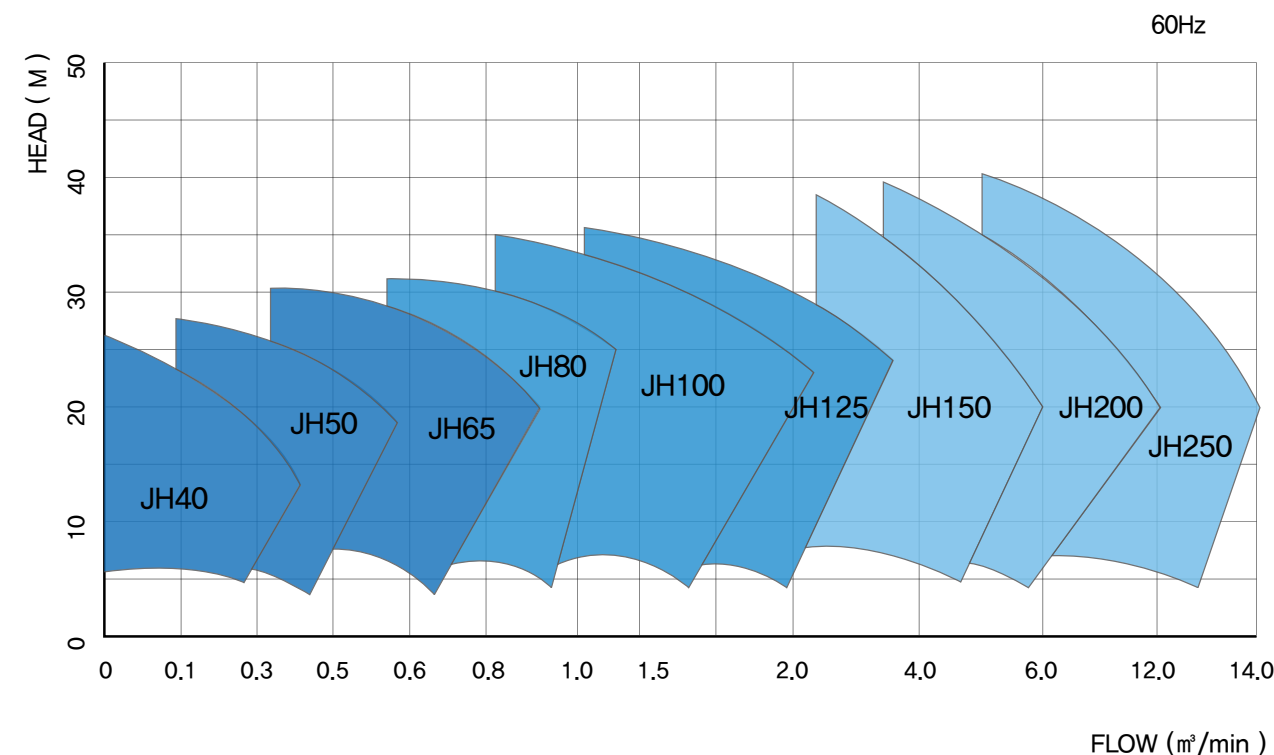
Standard Specifications

SECTOR	SPECIFICATIONS	
FLOW	0.01~20.0m³/min	
HEAD	0.8~65mH	
TEMPERATURE	0 to 80 °C (32 to 176 °F)	
MOTOR	60Hz(50Hz), 220/380/440V	
FLANGE	KS(JIS), DIN, ANSI	
CONSTRUCTION	IMPELLER	CLOSED CHANNEL / OPEN CHANNEL
	SHAFT	M/C SEAL / GRAND PACKING
	BEARING	SEALD BALL BEARING / OIL BATH

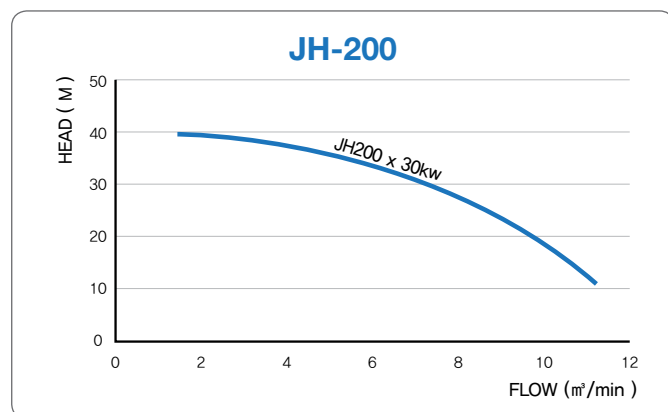
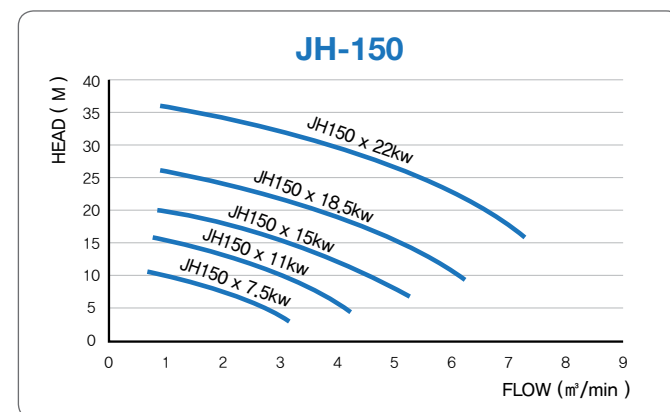
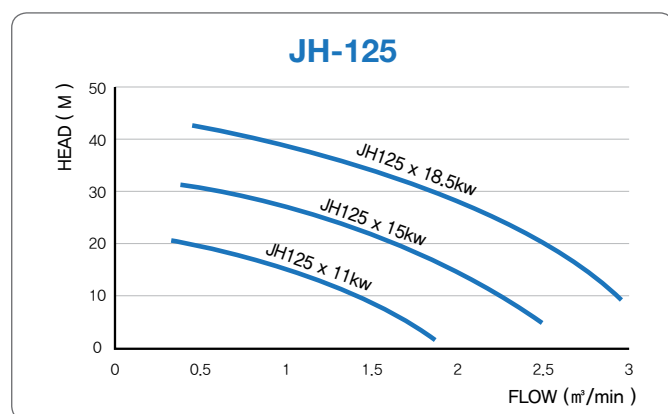
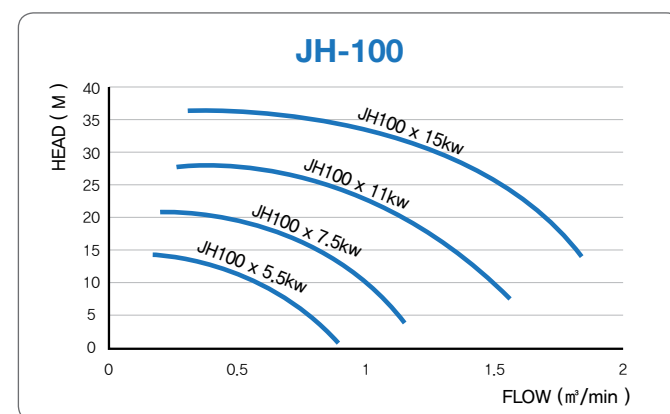
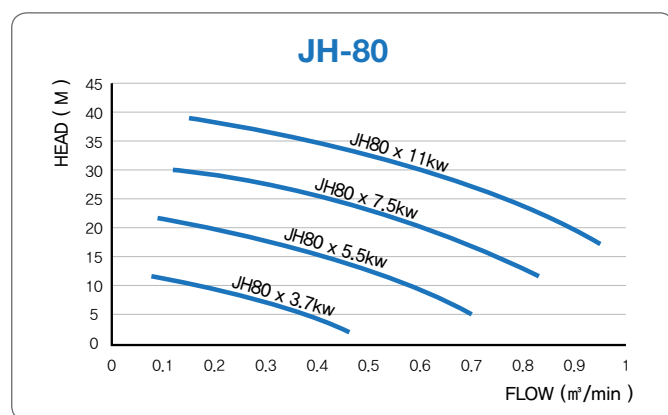
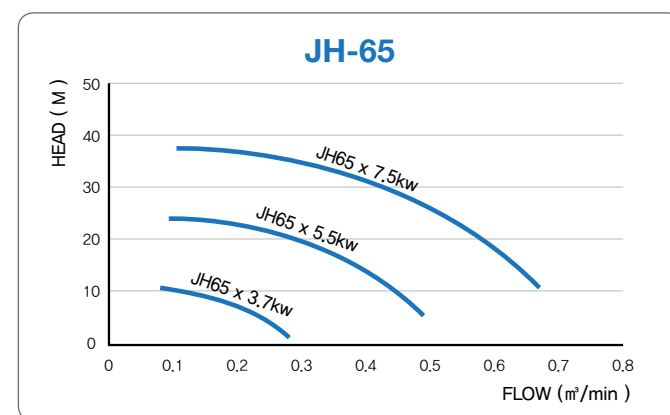
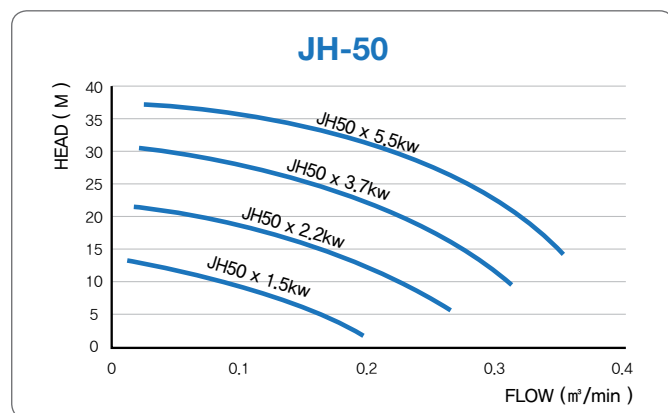
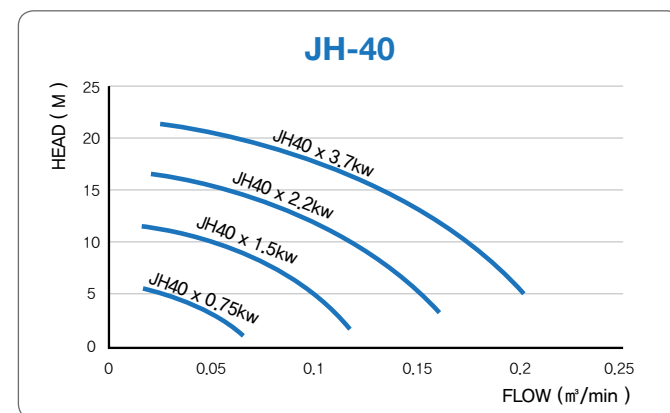
Specifications

MODEL	BORE HOLE (mm)		FLOW (m³/min)		HEAD (m)		POWER (kW)		WEIGHT (kg)
	SUCTION	DISCHARGE	MIN	MAX	MIN	MAX	MIN	MAX	
JH-40	40	40	0.05	0.4	0.8	25	0.75	5.5	80
JH-50	50	50	0.15	0.6	1.2	25	1.5	7.5	90
JH-65	65	65	0.3	0.9	1.3	30	2.2	11	110
JH-80	80	80	0.7	1.3	1.3	30	3.7	15	130
JH-100	100	100	0.9	2.3	1.4	35	5.5	30	180
JH-125	125	125	1.1	3.7	1.5	35	11	37	250
JH-150	150	150	1.5	6.0	2	38	15	55	350
JH-200	200	200	2.0	12.0	2.5	40	22	110	750
JH-250	250	250	2.5	14.0	3	40	30	160	980
JH-300	300	300	3.0	20.0	3.5	40	37	200	1400

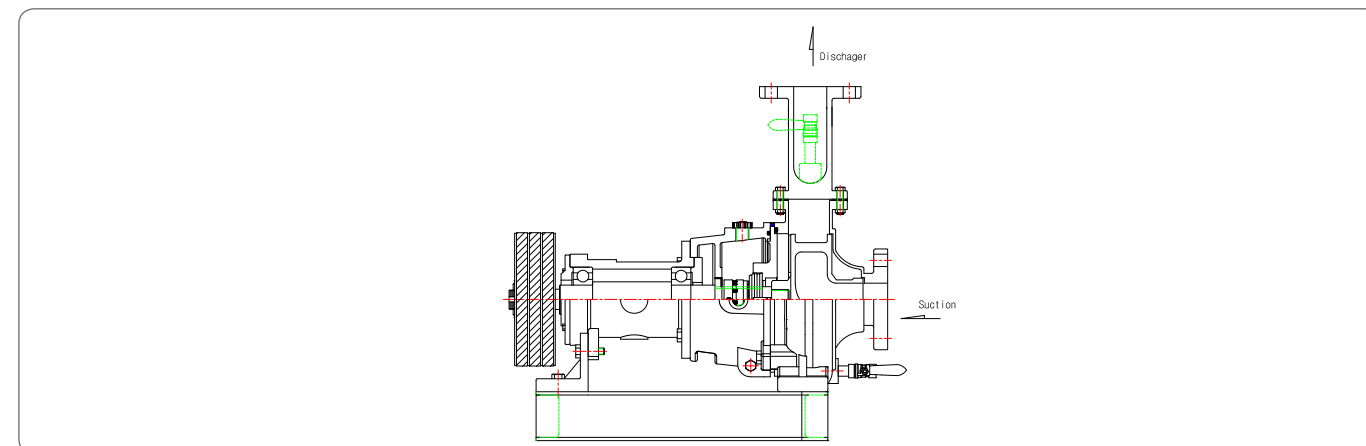
Selection Chart



Performance Chart



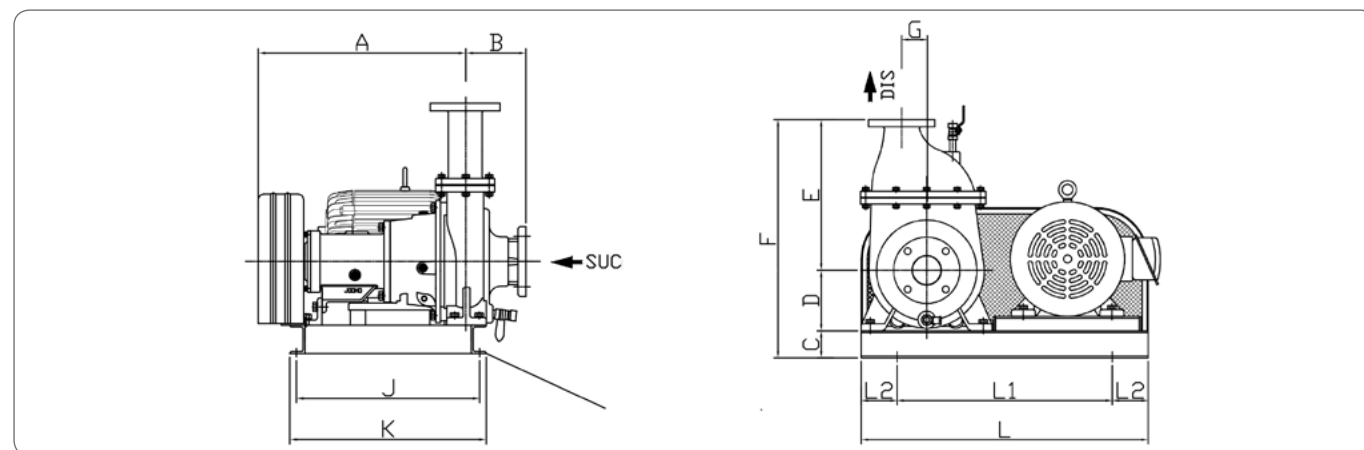
Sectional View & Materials



MODEL	Material										Hydro Test (kg/cm ²)
	Casing				Impeller				shaft		
	Standard	Option			Standard	Option			Standard	Option	
JH40	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	General Test Pressure is according to 130% of Head Requirement but minimum test pressure is 1.5kg/ cm ²
JH50	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH65	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH80	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH100	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH125	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH150	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH200	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH250	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	
JH300	Cast Iron	SSC13-16	CD4MCU	HiCR24%	Cast Iron	SSC13-16	CD4MCU	HiCR24%	SM45C	STS304	

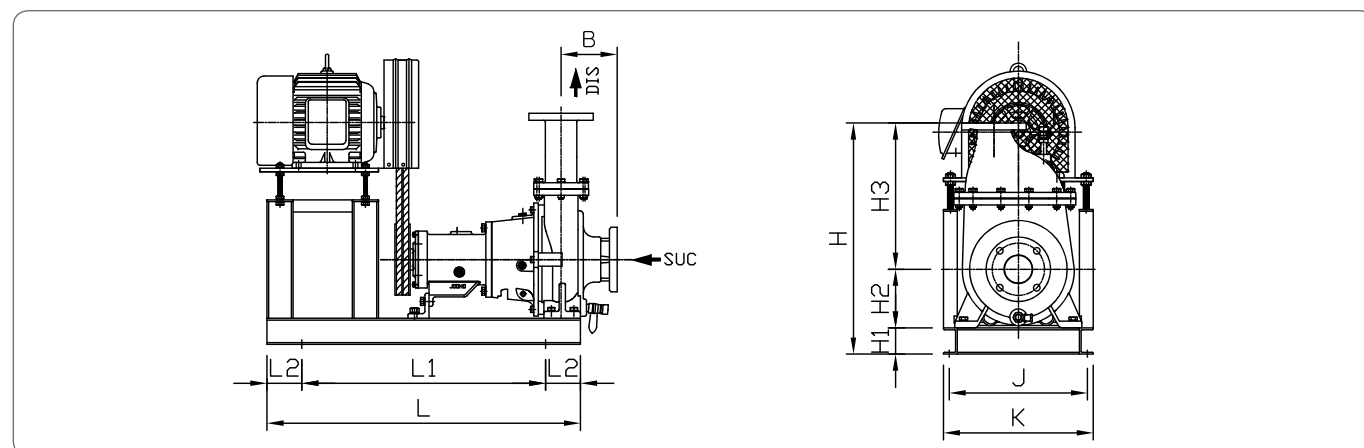


Dimension _ Horizontal type



MODEL	BORE	A	B	C	D	E	F	G	J	K	L	L1	L2
JH-40	40A	430	125	75	145	315	535	40	405	440	700	500	100
JH-50	50A	480	130	75	140	335	570	40	405	440	700	500	100
JH-65	65A	480	125	75	165	340	580	40	405	440	700	500	100
JH-80	80A	525	145	75	170	420	665	70	485	520	800	600	100
JH-100	100A	630	210	100	205	465	770	80	580	620	870	670	100
JH-125	125A	650	205	125	230	505	860	90	605	670	1000	800	100
JH-150	150A	750	220	125	275	625	1025	120	690	750	1200	900	150
JH-200	200A	1050	340	150	345	805	1300	120	770	880	1400	1100	150
JH-250	250A	1100	310	150	345	805	1300	160	770	880	1400	1100	150
JH-300	300A	1250	450	250	400	950	1600	180	900	960	1600	1200	200

Dimension _ Vertical type



MODEL	BORE	B	H	H1	H2	H3	J	K	L	L1	L2
JH-40	40A	125	535	75	145	315	345	380	780	580	100
JH-50	50A	130	570	75	140	355	345	380	780	580	100
JH-65	65A	125	580	75	165	340	345	380	780	580	100
JH-80	80A	145	665	75	170	420	395	430	900	700	100
JH-100	100A	210	770	100	205	465	370	405	1100	900	100
JH-125	125A	205	860	125	230	505	460	520	1200	900	150
JH-150	150A	220	1025	125	275	625	530	590	1300	1100	100
JH-200	200A	340	1300	150	345	805	620	700	1600	1300	150
JH-250	250A	310	1300	150	345	805	620	700	1600	1300	150
JH-300	300A	450	1600	250	400	950	900	980	1600	1200	200

KOMODO SPURT PUMP



APPLICATION

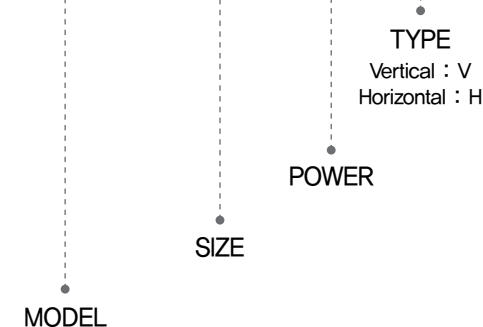
- Public facilities : Waste water, Sludge, Sewage, Animal dung, Food waste disposal
- Construction industry : Septic tank, Transferring waste water, Sand & Gravel, Corrosive/abrasive crude, Coke fines, Ventri scribe, Textile slurries
- Paper industry : Pulp & paper, Waste water disposal

FEATURE

- Non-clog pump which prevents clogging up by foreign substances with three-dimensional hydraulic impeller
- Suitable for high lift head(maximum 50meter) and high-concentrated matters
- Paper stock thru 6% consistency, black liquor to 60% solids etc. in the pulp & paper industries.
- Korean patent(1796437)- Pump and parts protected against breakage by a double barrier system of the central bulkhead plating and the bearing protection system
- Able to produce portable type, vertical type, horizontal type, under discharge type for purpose

Designation

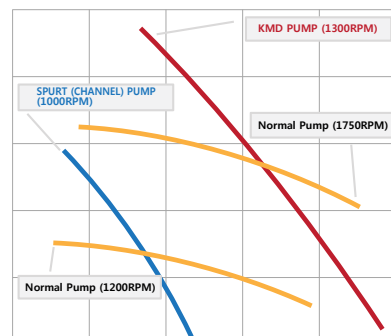
KMD 65 75 H



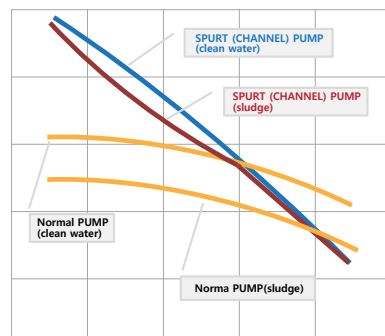
Standard Specifications

SECTOR	SPECIFICATIONS	
FLOW	0.02~3.5m³/min	
HEAD	5.0~80mH	
TEMPERATURE	0 to 80 °C (32 to 176 °F)	
MOTOR	60Hz(50Hz), 220/380/440V	
FLANGE	KS(JIS), DIN, ANSI	
CONSTRUCTION	IMPELLER	CLOSED CHANNEL / OPEN CHANNEL
	SHAFT	M/C SEAL / GRAND PACKING
	BEARING	SEALD BALL BEARING / OIL BATH

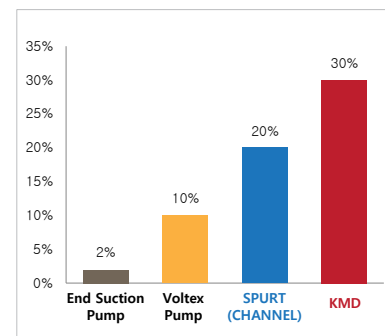
Superiority of Komodo Channel Pump



Characteristic of Komodo Channel Pump



Comparison of Pumps
- high-concentrated sludge

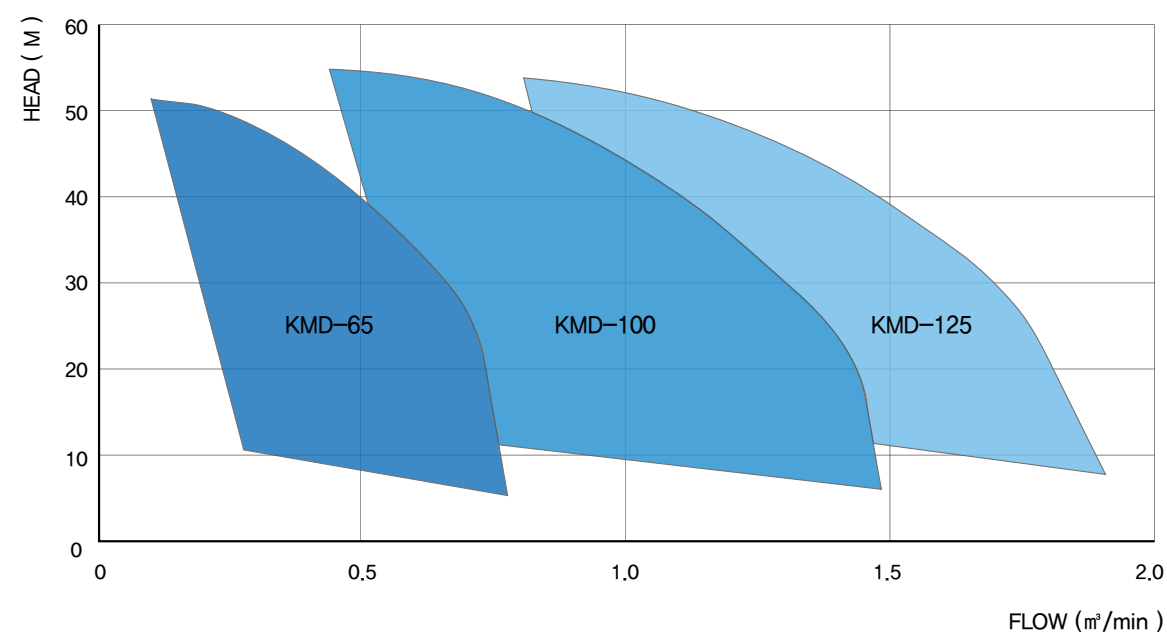


Pump selection per sludge level

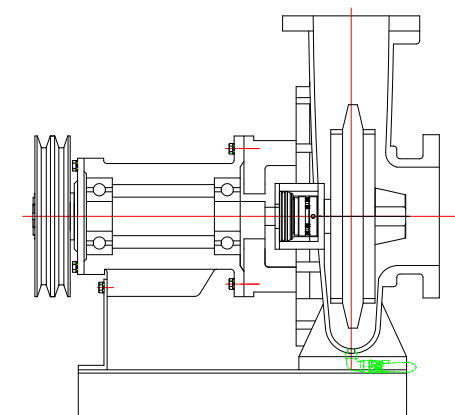
Specifications

MODEL	BORE HOLE (mm)		FLOW (m³/min)		HEAD (m)		POWER (kW)		WEIGHT (kg)
	SUCTION	DISCHARGE	MIN	MAX	MIN	MAX	MIN	MAX	
KMD-65	65	50	0.2	1.0	5	50	3.7	22	123
KMD-100	100	80	0.3	2.0	5	55	5.5	37	146
KMD-125	125	100	1.0	3.5	3.5	60	7.5	55	183

Selection Chart

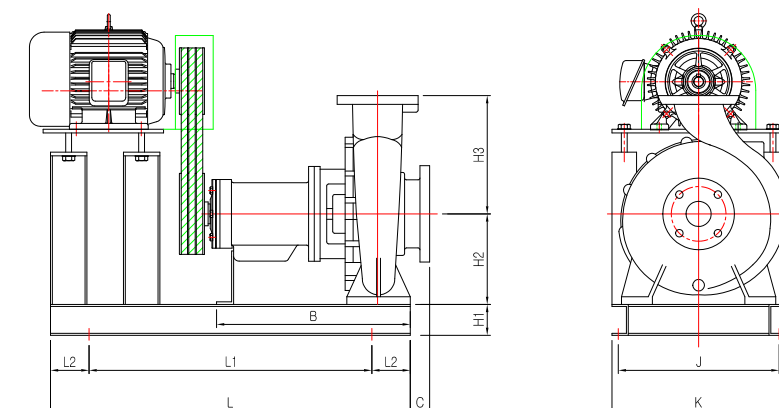


Sectional View & Materials



MODEL	Material										Hydro Test (kg/cm ²)
	Casing				Impeller				shaft		
	Standard	Option			Standard	Option			Standard	Option	
KMD—65	Cast Iron	SSC13—16	CD4MCU	HiCR24%	Cast Iron	SSC13—16	CD4MCU	HiCR24%	SM45C	STS304	General Test Pressure is according to 130% of Head Requirement, but minimum test pressure is 1.5kg/ cm ² .
KMD—100	Cast Iron	SSC13—16	CD4MCU	HiCR24%	Cast Iron	SSC13—16	CD4MCU	HiCR24%	SM45C	STS304	
KMD—125	Cast Iron	SSC13—16	CD4MCU	HiCR24%	Cast Iron	SSC13—16	CD4MCU	HiCR24%	SM45C	STS304	

Dimension _ Vertical type



MODEL	BORE	B	C	H1	H2	H3	L	L1	L2	J	K
KMD-65	65*50	420	40	75	220	265	950	750	100	360	400
KMD-100	80*65	440	50	100	227	283	1000	800	100	390	430
KMD-125	125*100	460	50	100	235	307	1100	900	100	420	460

HI-SPURT PUMP



APPLICATION

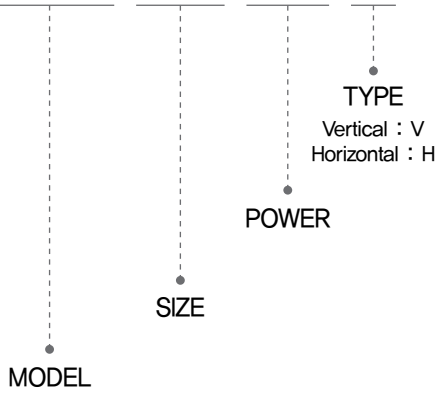
- Public facilities : Waste water, Sludge, Sewage, Animal dung, Food waste disposal
- Construction industry : Septic tank, Transferring waste water
- Horticulture : Pumping in the hilly areas, Scattering grass seed
- Dissolved Air Flootation, Various sludge

FEATURE

- Non-clog pump which prevents clogging up by foreign substances with three-dimensional hydraulic impeller
- Suitable for high lift head(maximum 60meter) and high-concentrated matters
- Korean patent(1796437)- Pump and parts protected against breakage by a double barrier system of the central bulkhead plating and the bearing protection system
- Portable type, vertical type, horizontal type, under discharge type for purpose

Designation

HES 80 15 H



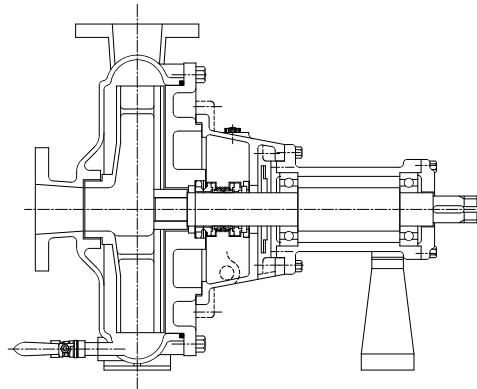
Standard Specifications

SECTOR	SPECIFICATIONS	
FLOW	0.4~1.0m³/min	
HEAD	5.0~60mH	
TEMPERATURE	0 to 80 °C (32 to 176 °F)	
MOTOR	60Hz(50Hz), 220/380/440V	
FLANGE	KS(JIS), DIN, ANSI	
CONSTRUCTION	IMPELLER	CLOSED CHANNEL / OPEN CHANNEL
	SHAFT	M/C SEAL / GRAND PACKING
	BEARING	SEALD BALL BEARING / OIL BATH

Specifications

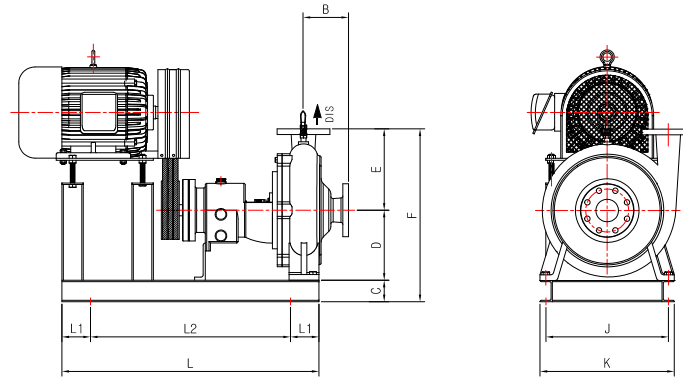
MODEL	Material						POWER (kW)	
	SUCTION	DISCHARGE	MIN	MAX	MIN	MAX	MIN	MAX
HES-80	80	80	0.4	0.7	40	70	11	22
HES-125	125	125	1.0	1.0	35	60	18.5	37

Sectional View & Materials



MODEL	Material								Hydro Test (kg/cm ²)
	Casing			Impeller			shaft		
	Standard	Option		Standard	Option		Standard	Option	
HES-80	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 .
HES-125	Cast Iron Ducktail	SSC13	HiCR24%	Cast Iron Ducktail	SSC13	HiCR24%	SM45C	STS304	

Dimension _ Vertical type



MODEL	BORE	B	C	D	E	F	L	L1	L2	J	K
HES-80	80*65A	150	100	240	285	625	1050	100	850	420	470
HES-125	125*100A	190	125	370	415	910	1200	100	950	560	600