



J▶SERIES 50Hz Submersible Pump



JKS SERIES

Submersible Effluent Pump



JKS-05~10

JKS-20~75

High Efficiency Impeller

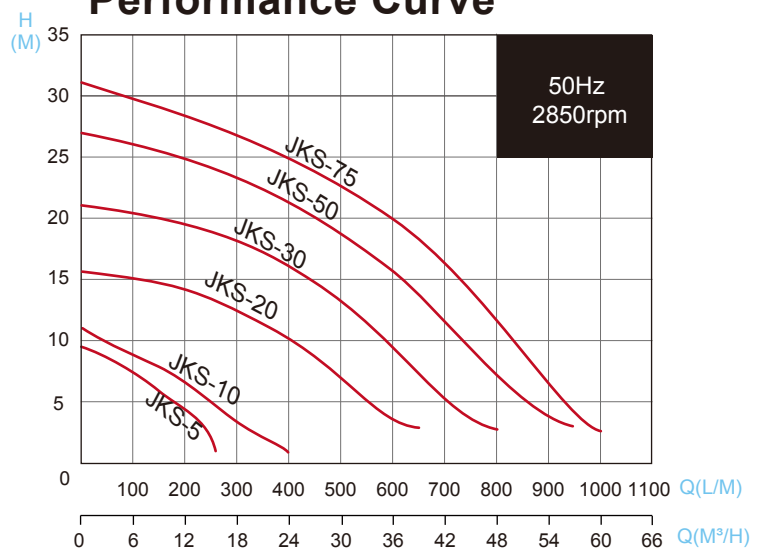
Feature

- / Compact design
- / Light weight
- / With high efficiency impeller
- / Double Mechanical seals
- / Reliable Shaft sealing

Application

- / Light duty
- / Basement drainage
- / Rainwater effluent
- / Accumulated water drainage

Performance Curve



Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)		Q.D.C.
	HP	kW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	mm	1ø-kg	3ø-kg	
JKS-05	0.5	0.37	2"	4.1A	1.3A	6	150	9.5	260	5	11.7	11.4	-
JKS-10	1	0.75	2"	5.2A	2.1A	8	150	11	400	5	18.5	18.2	-
JKS-20	2	1.5	2"(3")	11.3A	3.5A	10	400	15.5	650	5.5	35	34.9	QM-80
JKS-30	3	2.2	2"(3")	14A	5.2A	15	440	21	800	5.5	39.1	35.4	QM-80
JKS-50	5	3.7	3"(4")	-	8.2A	18	530	27	950	5.5	-	53.2	QM-100
JKS-75	7.5	5.5	3"(4")	-	11.5A	20	600	31	1000	5.5	-	59.2	QM-100

» JKS-05 : Thread Type

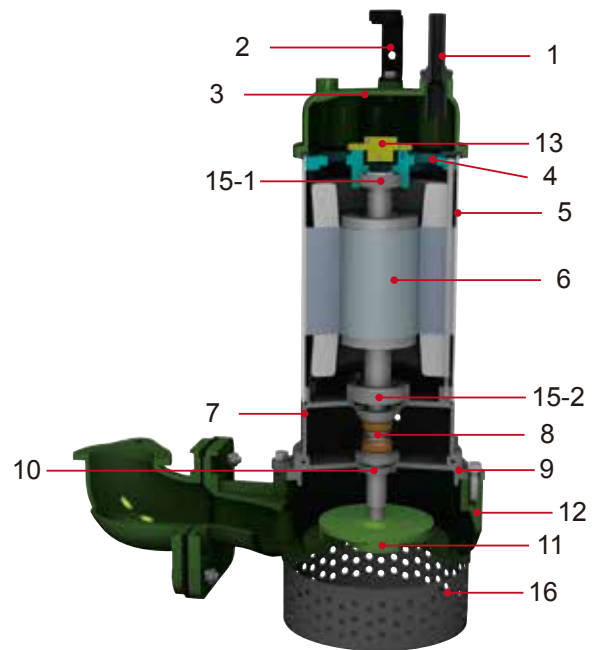
» JKS-10 : Thread Type / Elbow Type is optional.(2" or 3" / Fit with Q.D.C. QM-80)

» JKS-20~30 : Elbow Type

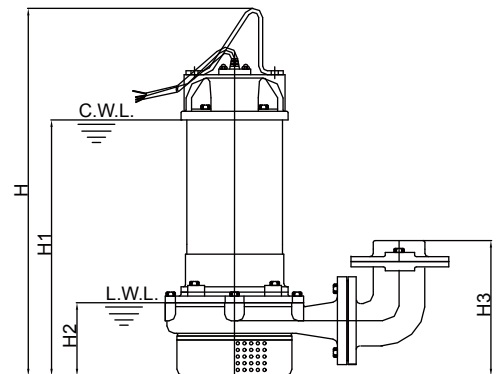
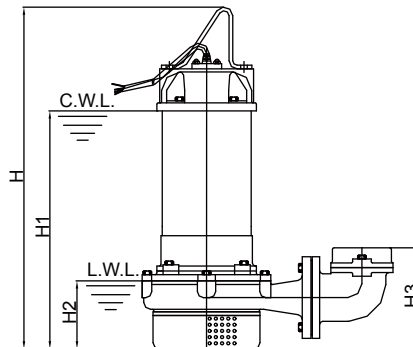
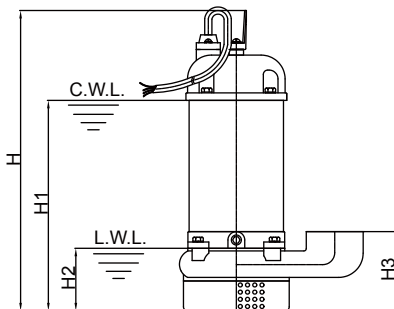
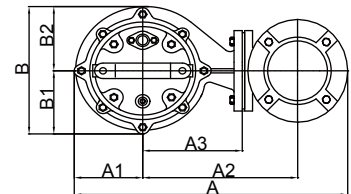
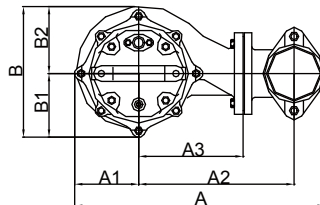
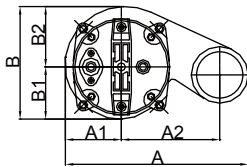
» JKS-50~75 : Elbow Type

Parts and Material List

No	Part	Material
1	Cable	H07RN-F /SJTOW/STOW
2	Handle	Nylon 6 / SS41
3	Motor Cover	Nylon 66 / FC 200
4	Bracket	FC 200
5	Motor Housing + Stator	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	FC 200
8	Double Mech.Seal	0.5~3HP: CA/CE;CA/CE 5~7.5HP: CA/CE;SIC/SIC
9	Seal Housing	FC 200
10	Oil Seal	NBR
11	Impeller	FC 200
12	Pump Casing	FC 200
13	Protector	KLIXON
15-1	Upper Bearing	TPI
15-2	Lower Bearing	TPI
16	Strainer	SUS 304



JKS-Series Dimensions



JKS-05~10

JKS-10~30

JKS-50~75

Dimensions (mm)												
Type	A	A1	A2	A3	B	B1	B2	H	H1	H2	H3	
JKS-05	229	70	123	NA	141	66	75	350	250	79	100	
JKS-10	229	70	123	NA	141	66	75	380	285	79	100	
*JKS-10	335	80	202	110	165	75	90	398	273	97	186	
JKS-20	413	103	260	168	212	103	109	555	385	110	202	
JKS-30S(T)	413	103	260	168	212	103	109	S:595;T:575	S:425;T:405	110	202	
JKS-50	492	110	290	176	227	110	117	605	440	132	3":259;4"254	
JKS-75	492	110	290	176	227	110	117	645	480	132	3":259;4"254	

» Note1 : S: Single Phase ; T: Three Phase

» Note2 : Automatic models are available in single-phase versions(0.5~2HP) and in three-phase versions(0.5~2HP).

» Note3 : Q.D.C.(Quick Discharge Connection) is available only for Elbow type.

» Note4 : *JKS-10 is Elbow Type

JDS SERIES

Submersible Vortex Sewage Pump



JDS-05~10

JDS-20~75

JDS-50E

JDS Vortex Impeller

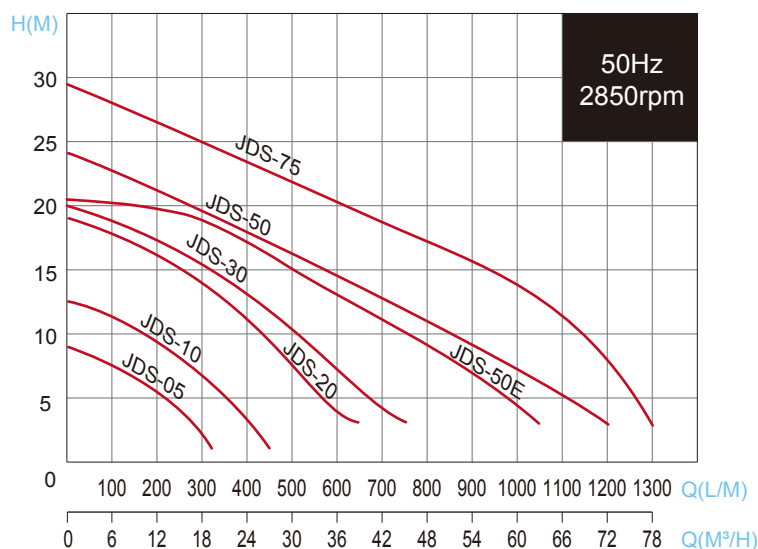
Feature

- / Vortex Impeller / Non-clogging
- / Minimized abrasive wear
- / Large impeller clearance
- / Maintenance free
- / Double Mech. Seal

Application

- / Medium concentration Wastewater
- / Heavy duty

Performance Curve



Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)		Q.D.C.
	HP	kW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		1ø-kg	3ø-kg	
JDS-05	0.5	0.37	2"	4A	1.2A	6	180	9	320	35	12.7	12.4	QS-50
JDS-10	1	0.75	2"	5A	2.1A	9	220	12.5	450	35	17.5	17.2	QS-50
JDS-20	2	1.5	2"(3")	11.8A	3.6A	10	430	19	650	45	34	33.9	QM-80
JDS-30	3	2.2	2"(3")	15A	4.5A	13	410	20	750	45	38.1	34.4	QM-80
JDS-50E	5	3.7	3"(4")	-	7.2A	16	460	20.5	1050	45	-	43.1	QM-100
JDS-50	5	3.7	3"(4")	-	8.2A	14	630	24	1200	45	-	53.2	QM-100
JDS-75	7.5	5.5	3"(4")	-	11.5A	19	690	29.5	1300	45	-	59.2	QM-100

» JDS-05 : Flange Type

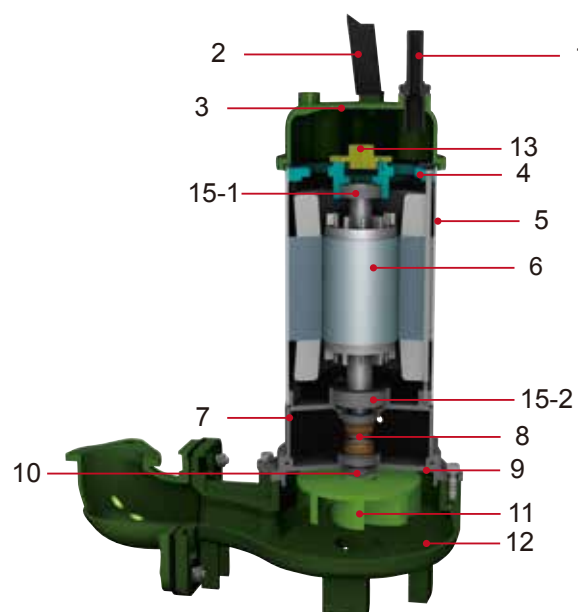
» JDS-10 : Flange Type / Elbow Type is optional.(2"or 3" / Fit with Q.D.C. QM-80)

» JDS-20~30 : Elbow Type

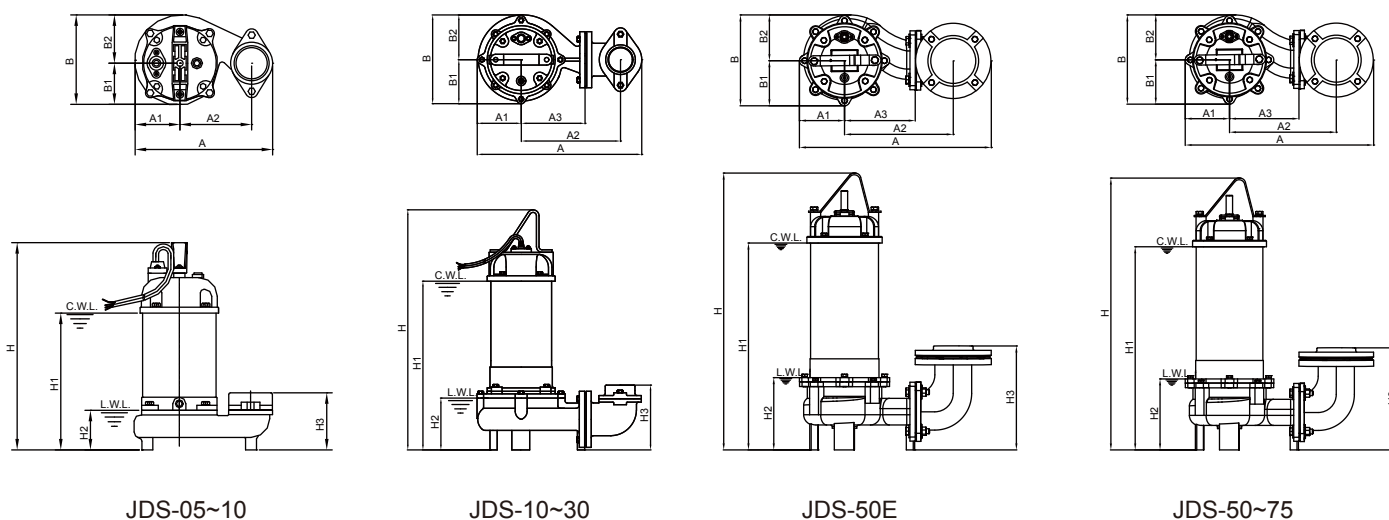
» JDS-50~75 : Elbow Type

Parts and Material List

No	Part	Material
1	Cable	H07RN-F/SJTOW/STOW
2	Handle	Nylon 6/SS41
3	Motor Cover	Nylon 66 / FC 200
4	Bracket	FC 200
5	Motor Housing + Stator	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	FC 200
8	Double Mech.Seal	0.5~3HP:CA/CE+CA/CE 5~7.5HP:CA/CE+SIC/SIC
9	Seal Housing	FC 200
10	Oil Seal	NBR
11	Impeller	FC 200
12	Pump Casing	FC 200
13	Protector	KLIXON
15-1	Upper Bearing	TPI
15-2	Lower Bearing	TPI



JDS-Series Dimensions



Dimensions (mm)												
Type	A	A1	A2	A3	B	B1	B2	H	H1	H2	H3	
JDS-05	228	73	155	NA	150	69	81	412	297	117	138	
JDS-10	228	73	155	NA	150	69	81	487	345	117	138	
* JDS-10	322	82	193	101	163	76	87	494	351	124	195	
JDS-20	400	103	245	151	210	105	105	532	400	150	191	
JDS-30S(T)	400	103	245	151	210	105	105	S:572;T:552	S:440;T:420	150	191	
JDS-50E	466	105	266	150	180	85	95	622	450	155	261	
JDS-50	496	110	283	170	218	98	120	633	468	160	3":273;4":268	
JDS-75	496	110	283	170	218	98	120	673	508	160	3":273;4":268	

» Note1 : S: Single Phase ; T: Three Phase

» Note2 : Automatic models are available in single-phase versions(0.5~2HP) and in three-phase versions(0.5~2HP).

» Note3 : Q.D.C. (Quick Discharge Connection) is applied to all models.

» Note4 : *JDS-10 is Elbow Type.

» Note5 : JDS-50E is economical type which with smaller size motor frame to make it as 5HP.

JSB SERIES (ALL #316 SST)

Submersible Vortex Sewage Pump



JSB-05~10



JSB-20~30



JSB-50~75



JSB Impeller

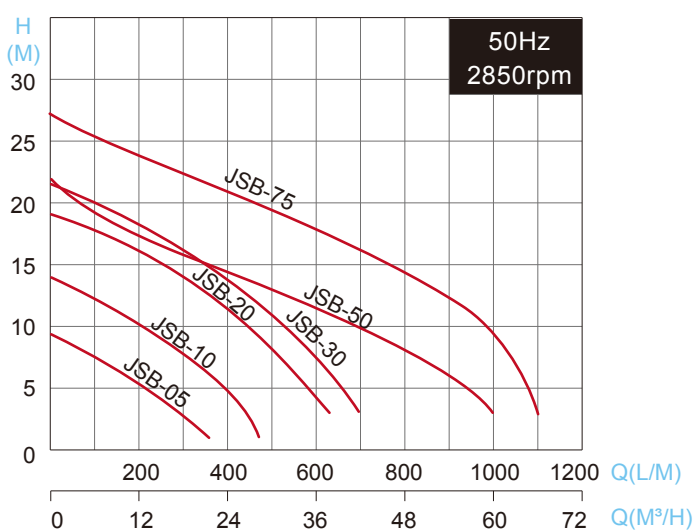
Feature

- / Vortex Impeller / Non-clogging
- / Minimized abrasive wear
- / Large impeller clearance
- / Maintenance free
- / Double Mech. Seal in Si. Ca
- / Loss wax 316 Stainless Steel

Application

- / Medium concentration wastewater
- / Heavy duty

Performance Curve



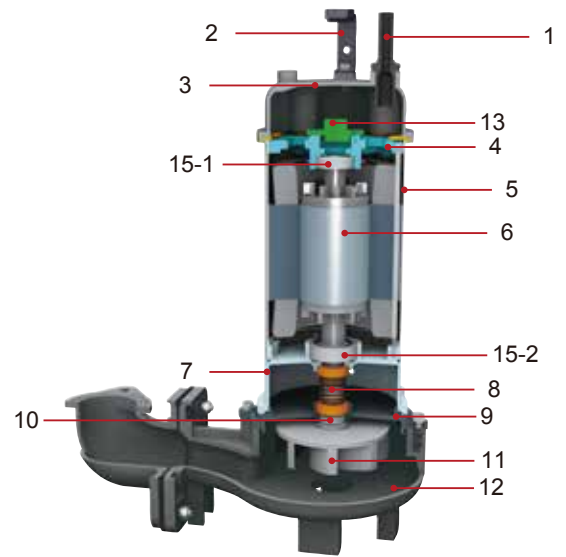
Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)		Q.D.C.
	HP	kW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		1ø-kg	3ø-kg	
JSB-05	0.5	0.37	2"	3.5A	1.4A	5.4	200	9.5	360	35	13	12.4	SQS-50
JSB-10	1	0.75	2"	6A	2.5A	9	250	14	470	35	15.4	15.7	SQS-50
JSB-20	2	1.5	2"(3")	10.5A	4.5A	12	375	19	630	45	31.2	29.7	SQM-80
JSB-30	3	2.2	2"(3")	12.6A	5.7A	14.7	360	21.5	700	45	32.8	31.3	SQM-80
JSB-50	5	3.7	3"(4")	-	7.2A	13	500	22	1000	45	-	48	SQM-100
JSB-75	7.5	5.5	3"(4")	-	10.8A	18	595	27	1110	45	-	53.8	SQM-100

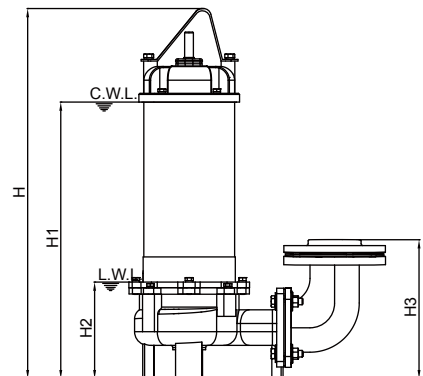
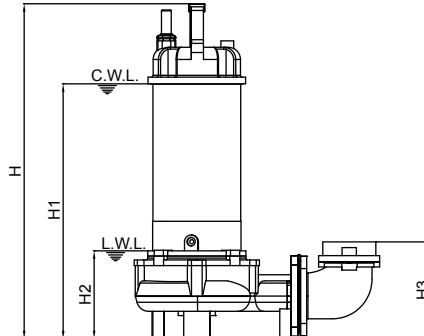
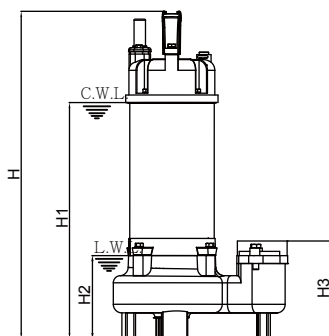
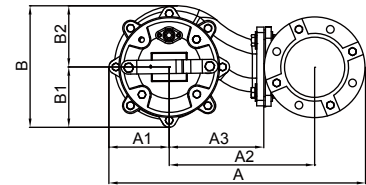
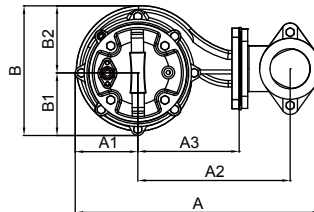
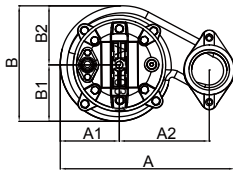
- » JSB-05~10 : Flange Type
- » JSB-20~30 : Elbow Type
- » JSB-50~75 : Elbow Type

Parts and Material List

No	Part	Material
1	Cable	H07RN-F/SJTOW/STOW
2	Handle	Nylon 6(0.5-1HP) ; SUS 316 (2-7.5HP)
3	Motor Cover	SUS 316
4	Bracket	FC 20
5	Motor Housing + Stator	SUS 316
6	Shaft with Rotor	SUS 316
7	Oil Chamber	FC 20(0.5-1HP) ; SUS 316(2-7.5HP)
8	Double Mech.Seal	Upper : CA / CE Lower : SIC / SIC
9	Seal Housing	SUS 316
10	Oil Seal	Viton
11	Impeller	SUS 316
12	Pump Casing	SUS 316
13	Protector	KLIXON
15-1	Upper Bearing	NTN
15-2	Lower Bearing	NTN



JSB-Series Dimensions



JSB-05~10

JSB-20~30

JSB-50~75

Dimensions (mm)											
Type	A	A1	A2	A3	B	B1	B2	H	H1	H2	H3
JSB-05	228	75	120	NA	150	70	80	425	297	117	138
JSB-10	228	75	120	NA	150	70	80	455	327	117	138
JSB-20	390	103	235	154	208	104	104	532	400	150	152
JSB-30S(T)	390	103	235	154	208	104	104	572(552)	440(420)	150	152
JSB-50	466	100	274	177	210	95	115	633	468	160	225
JSB-75	466	100	274	177	210	95	115	673	508	160	225

» Note1 : S: Single Phase ; T: Three Phase

» Note2 : Automatic models are available in single-phase versions(0.5~3HP).

» Note3 : Q.D.C. (Quick Discharge Connection) is available for all models.

JDSK SERIES

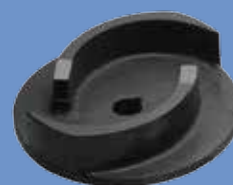
Submersible Cutter Sewage Pump



JDSK-05~10



JDSK-20~75



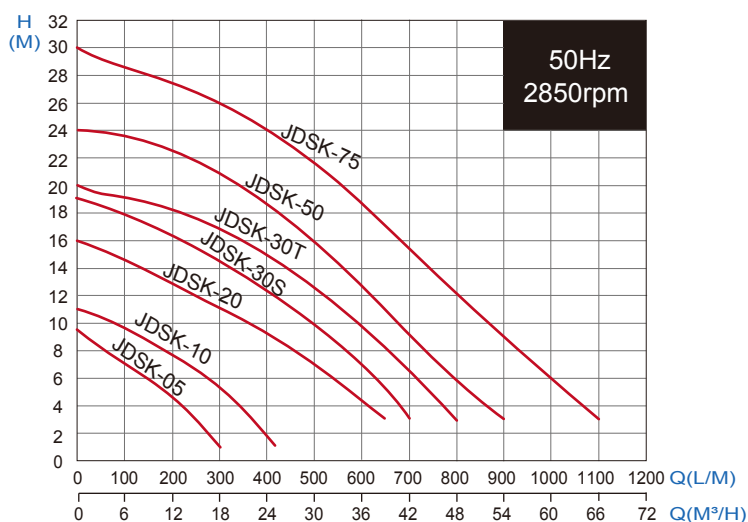
Cutter Impeller

Feature

- / Tungsten inserts incorporated on the impeller blades to provide shredding action
- / Reliable shaft sealing provided by double mechanical seal in Si.Ca
- / Automatic operation (Optional)

Application

- / Drainage of sewage from building and school basement etc.
- / Septic tank and cesspit
- / Wastewater treatment
- / Ground water drainage



Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)		Q.D.C.
	HP	kW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	mm	1ø-kg	3ø-kg	
JDSK-05	0.5	0.37	2"	4A	1.2A	6	150	9.5	300	19	12.8	12.5	-
JDSK-10	1	0.75	2"	5A	1.8A	8	190	11	420	19	18.5	18.2	-
JDSK-20	2	1.5	2"(3")	11.3A	3.5A	10	360	16	650	23	35.8	35.7	QM-80
JDSK-30S(T)	3	2.2	2"(3")	14.5A	5.2A	14	330(440)	19(20)	700(800)	23	39.9	36.2	QM-80
JDSK-50	5	3.7	3"(4")	-	8.2A	15	530	24	900	28	-	52.2	QM-100
JDSK-75	7.5	5.5	3"(4")	-	11.5A	21	525	30	1100	28	-	59.2	QM-100

» S identifies single phase ; T identifies three phase

» JDSK-05 : Thread Type

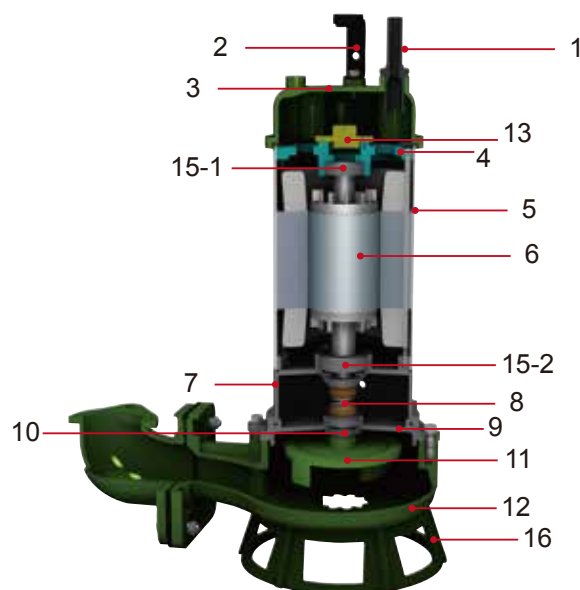
» JDSK-10 : Thread Type / Elbow Type is optional.(2" or 3" /Fit with Q.D.C. QM-80)

» JDSK-20~30 : Elbow Type

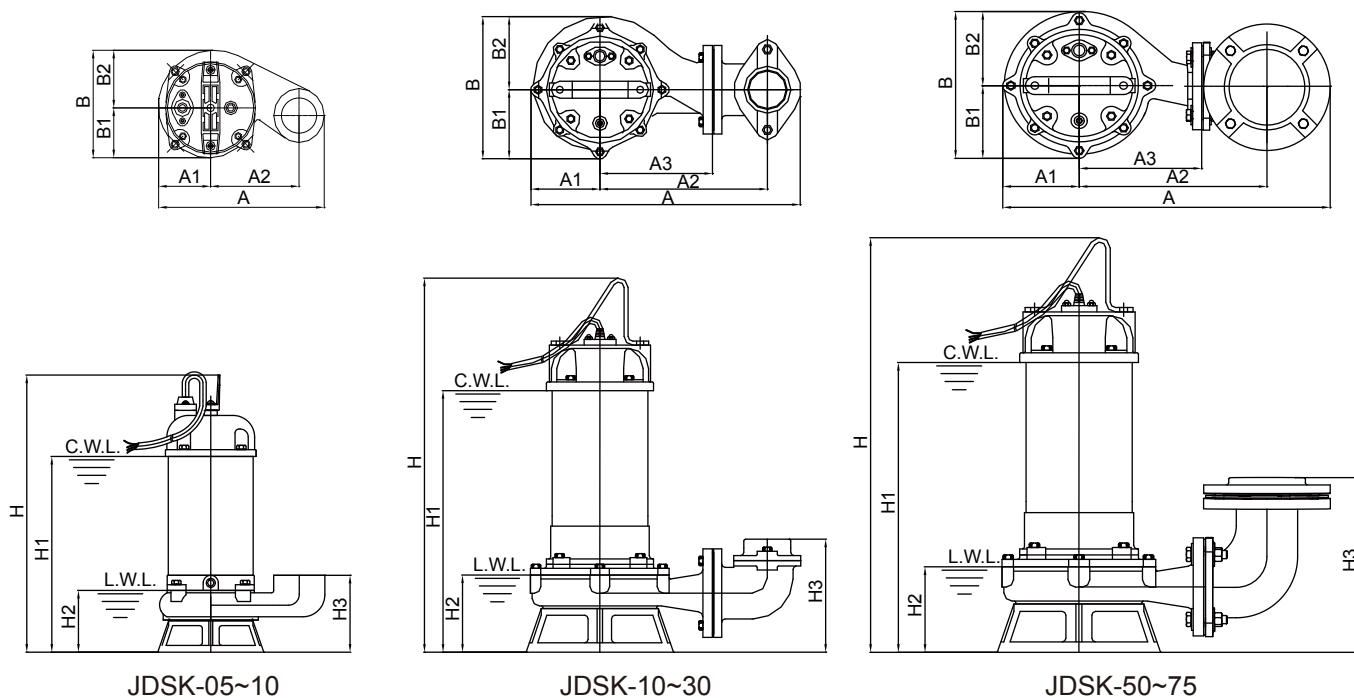
» JDSK-50~75 : Elbow Type

Parts and Material List

No	Part	Material
1	Cable	H07RN-F /SJTOW/STOW
2	Handle	Nylon 6/SS41
3	Motor Cover	Nylon 66/FC 200
4	Bracket	FC 200
5	Motor Housing + Stator	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	FC 200
8	Double Mech.Seal	0.5~3HP: CA/CE;CA/CE 5~7.5HP: CA/CE;SIC/SIC
9	Seal Housing	FC 200
10	Oil Seal	NBR
11	Impeller	FCD 450+Tungsten edge
12	Pump Casing	FC 200
13	Protector	KLIXON
15-1	Upper Bearing	TPI
15-2	Lower Bearing	TPI
16	Bottom Base	FCD-450



JDSK-Series Dimensions



Dimensions (mm)											
Type	A	A1	A2	A3	B	B1	B2	H	H1	H2	H3
JDSK-05	253	95	158	NA	190	95	95	410	285	106	126
JDSK-10	253	95	158	NA	190	95	95	480	333	106	126
*JDSK-10	275	95	168	168	190	95	95	402	290	104	207
JDSK-20	418	108	260	168	217	108	109	560	390	115	207
JDSK-30S(T)	418	108	260	168	217	108	109	S:600;T:580	S:430;T:410	115	207
JDSK-50	483	110	281	167	227	110	117	610	445	137	3":264;4":259
JDSK-75	483	110	281	167	227	110	117	650	485	137	3":264;4":259

» Note1 : S: Single Phase ; T: Three Phase

» Note2 : Automatic models are available in single-phase versions(0.5~2HP).

» Note3 : Q.D.C. (Quick Discharge Connection) is available only for Elbow type.

» Note4 : *JDSK-10 is Elbow Type.

JKD SERIES

Submersible Dredging Pump



JKD-05~10



JKD-20~75



powerful agitator

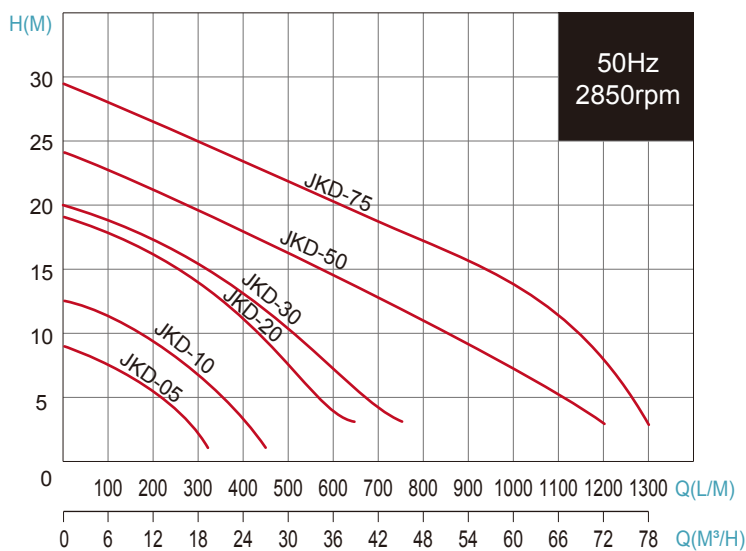
Feature

- / Vortex impeller with agitator
- / Non clog operation
- / Double mechanical seals in Si. Ca
- / Reliable shaft sealing
- / Automatic operation (Optional)

Application

- / Dredging
- / High concentration slurry

Performance Curve



Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)		Q.D.C.
	HP	kW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	mm	1ø-kg	3ø-kg	
JKD-05	0.5	0.37	2"	4A	1.2A	6	180	9	320	10	12.9	12.6	QS-50
JKD-10	1	0.75	2"	5A	2.1A	9	220	12.5	450	10	17.7	17.4	QS-50
JKD-20	2	1.5	2"(3")	11.8A	3.6A	10	430	19	650	15	34.2	34.1	QM-80
JKD-30	3	2.2	2"(3")	15A	4.5A	13	410	20	750	15	38.3	34.6	QM-80
JKD-50	5	3.7	3"(4")	-	8.2A	14	630	24	1200	12.5	-	53.6	QM-100
JKD-75	7.5	5.5	3"(4")	-	11.5A	19	690	29.5	1300	12.5	-	59.6	QM-100

» JKD-05 : Flange Type

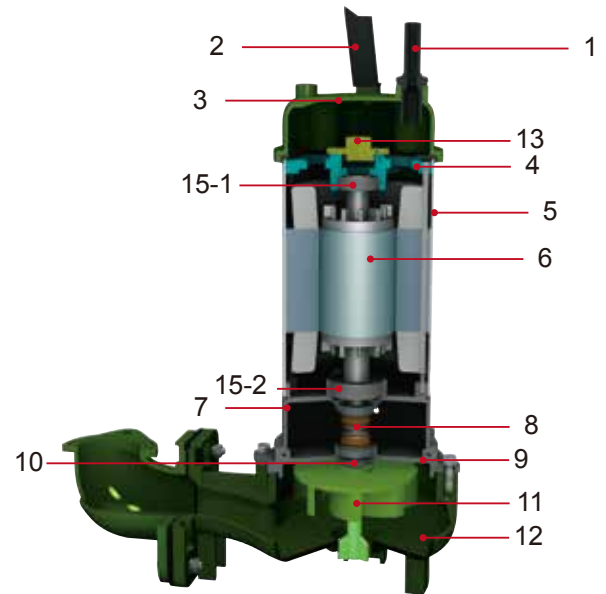
» JKD-10 : Flange Type / Elbow Type is optional. (2" or 3" /Fit with Q.D.C. QM-80)

» JKD-20~30 : Elbow Type

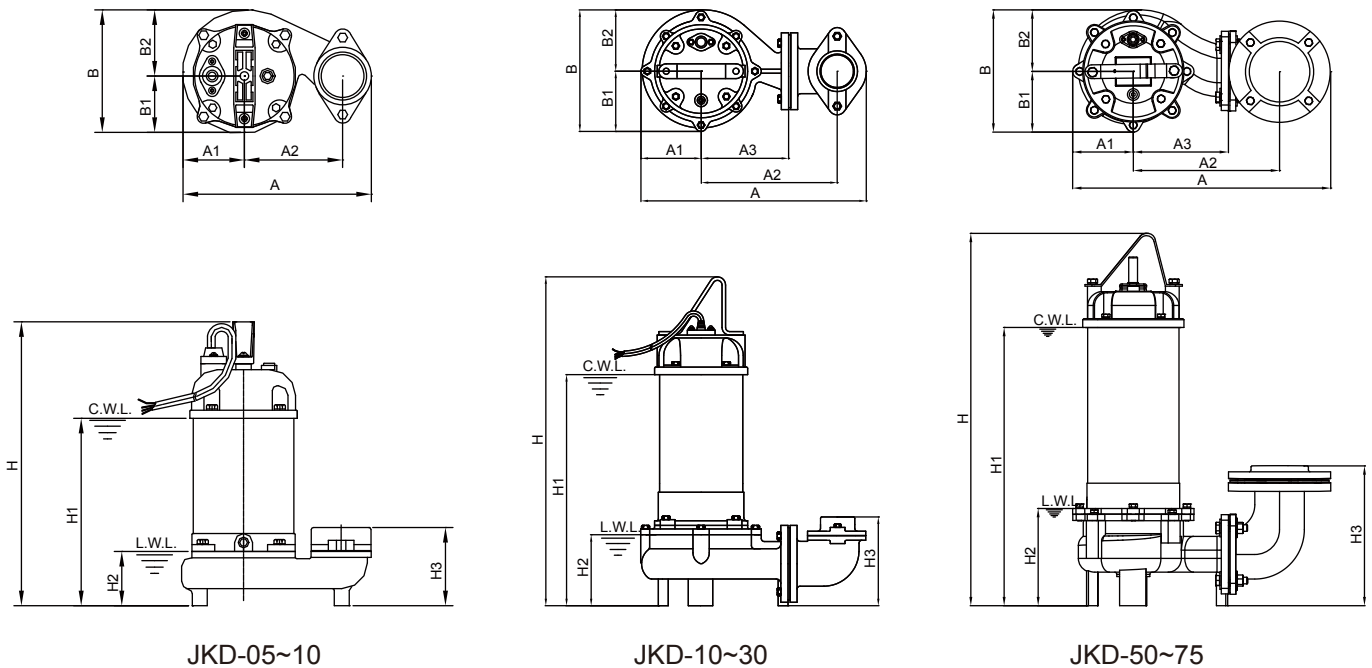
» JKD-50~75 : Elbow Type

Parts and Material List

No	Part	Material
1	Cable	H07RN-F /SJTOW/STOW
2	Handle	Nylon 6/SS41
3	Motor Cover	Nylon 66/FC 200
4	Bracket	FC 200
5	Motor Housing + Stator	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	FC 200
8	Double Mech.Seal	Upper: CA/CE Lower: SIC/SIC
9	Seal Housing	FC 200
10	Oil Seal	NBR
11	Impeller with Agitator	Impeller : FC 200 Agitator : SUS 316
12	Pump Casing	FC 200
13	Protector	KLIXON
15-1	Upper Bearing	TPI
15-2	Lower Bearing	TPI



JKD-Series Dimensions



Dimensions (mm)												
Type	A	A1	A2	A3	B	B1	B2	H	H1	H2	H3	
JKD-05	228	73	155	NA	150	69	81	412	297	117	138	
JKD-10	228	73	155	NA	150	69	81	487	345	117	138	
* JKD-10	322	82	193	101	163	76	87	494	351	124	195	
JKD-20	400	103	245	151	210	105	105	532	400	150	191	
JKD-30S(T)	400	103	245	151	210	105	105	S:572;T:552	S:440;T:420	150	191	
JKD-50	496	110	283	170	218	98	120	633	468	160	3":273;4":268	
JKD-75	496	110	283	170	218	98	120	673	508	160	3":273;4":268	

» Note1 : S: Single Phase ; T: Three Phase

» Note2 : Automatic models are available in single-phase versions(0.5~2HP) and in three-phase versions(0.5~2HP).

» Note3 : Q.D.C.(Quick Discharge Connection) is available for all models.

» Note4 : *JKD-10 is Elbow Type.

SV SERIES

Submersible Vortex Sewage Pump



SV-100MA

SV-150,250MA

SV-150,250AG

SV Impeller

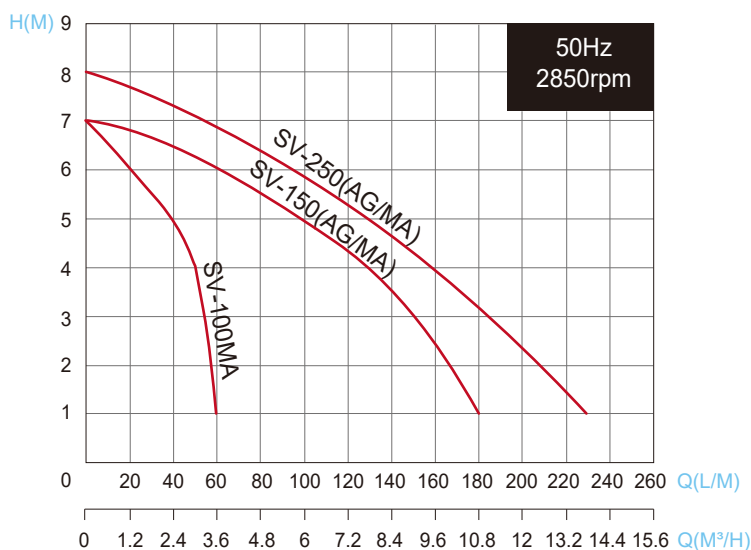
Feature

- / Oil Chamber design to ensure Mech. Seal long service life
- / Suspended impeller design, non-clogging
- / Compact design, light weight

Application

- / Discharge water
- / Livestock production
- / Sprinkling
- / Sump pit

Performance Curve



Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Free Passage	Weight(W/O Cable)
	HP	W		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		
SV-100MA	0.125	100	1"	1.2A	-	4	50	7	60	4	4.95
SV-150	0.2	150	1.5"(2")	1.6A	0.8A	4.5	115	7	180	24	6.2(6.5)
SV-150AG	0.2	150	1.5"(2")	1.6A	--	4.5	115	7	180	24	6.7(7)
SV-150MA	0.2	150	1.5"(2")	1.6A	-	4.5	115	7	180	24	6.7(7)
SV-250	0.3	250	1.5"(2")	2A	0.9A	5	130	8	230	25	6.6(6.9)
SV-250AG	0.3	250	1.5"(2")	2A	-	5	130	8	230	25	7.1(7.4)
SV-250MA	0.3	250	1.5"(2")	2A	-	5	130	8	230	25	7.1(7.4)

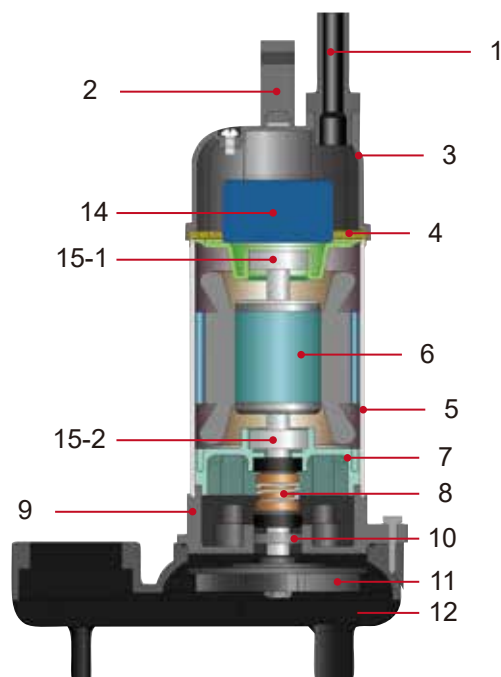
» All single-phase pumps can be equipped with float switch upon request.

» AG identifies AGMA W level regulator.

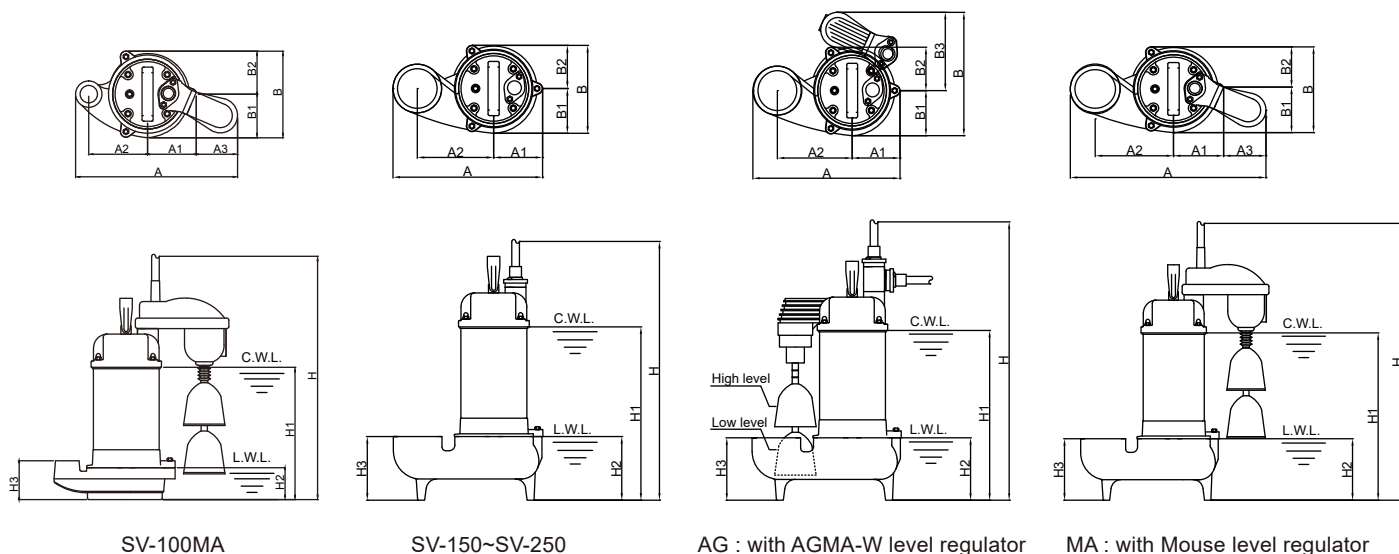
» MA identifies MOUSE level regulator.

Parts and Material List

No	Part	Material
1	Cable	H07RN-F/SJTOW
2	Handle	Nylon 6
3	Motor Cover	PA66+Glass Fiber
4	Bracket	Steel
5	Motor Housing + Stator	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	Cast Iron
8	Double Mech. Seal	Upper : CA/CE Lower : CA/CE
9	Seal Housing	Nylon
10	Oil Seal	NBR
11	Impeller	ABS + Glass Fiber
12	Pump Casing	Cast Iron
14	Capacitor	
15-1	Upper Bearing	TPI
15-2	Lower Bearing	TPI



SV-Series Dimensions



SV-100MA

SV-150~SV-250

AG : with AGMA-W level regulator

MA : with Mouse level regulator

Dimensions (mm)													
Type	Discharge	A	A1	A2	A3	B	B1	B2	B3	H	H1	H2	H3
SV-100MA	1"	247	73	90	72	124	62	62	--	303	188	45	45
SV-150	1.5"	213	83	90	--	130	63	67	--	314	235	81	81
SV-150AG	1.5"	213	83	90	--	210	63	67	147	350	235	81	81
SV-150MA	1.5"	300	83	90	72	130	63	67	--	350	235	81	81
SV-150	2"	228	83	110	--	130	63	67	--	324	245	91	91
SV-150AG	2"	228	83	110	--	210	63	67	147	360	245	91	91
SV-150MA	2"	300	83	110	72	130	63	67	--	360	245	91	91
SV-250	1.5"	213	83	90	--	130	63	67	--	324	245	81	81
SV-250AG	1.5"	213	83	90	--	210	63	67	147	360	245	81	81
SV-250MA	1.5"	300	83	90	72	130	63	67	--	360	245	81	81
SV-250	2"	228	83	110	--	130	63	67	--	334	255	91	91
SV-250AG	2"	228	83	110	--	210	63	67	147	370	255	91	91
SV-250MA	2"	300	83	110	72	130	63	67	--	370	255	91	91

EM SERISES

Submersible Mixer



EM-5.20



EM Impeller

Feature

- / The angular contact ball bearing resists to axial force
- / Compact design
- / More efficient bulk flow

Application

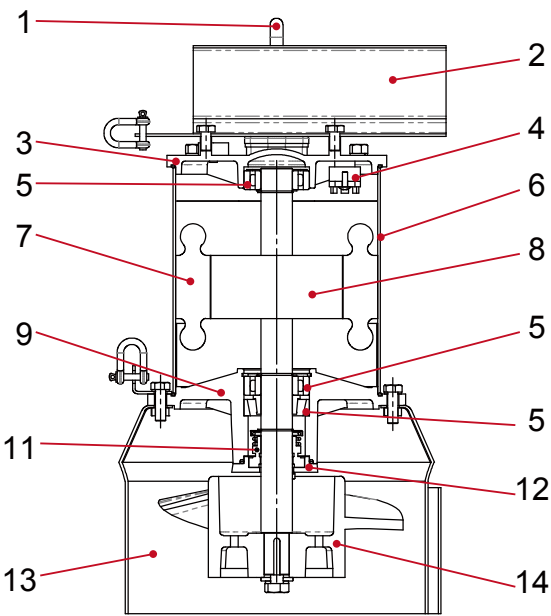
- / Biological treatment tanks
- / Lime slurry storage tanks
- / Heat exchanger
- / Ponds and rivers water circulations
- / Equalization tanks

Data Chart

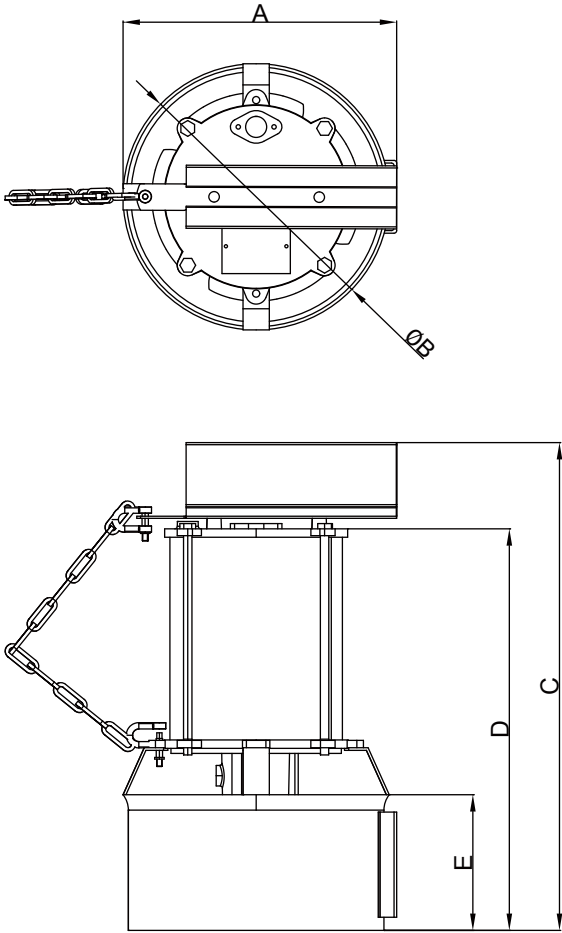
Type	Output		F.L.A.		Maximum Cap. M ³ /Min	Cable M	Weight(W/O Cable)		Speed R.P.M.
	HP	kW	1ø 230V	3ø 400V			1ø-kg	3ø-kg	
EM-5.20	2	1.5	-	3.5A	4.5	6	-	23.4	950
EM-5.30	3	2.2	-	5A	6.8	6	-	30	950

Parts and Material List

No	Part	Material
1	Cable	STOW
2	Sliding Seat	SUS 304
3	Bearing Cover	SUS 304
4	Thermal Protector	KLIXON
5	Bearing	NTN
6	Motor Frame	SUS 304
7	Stator	
8	Shaft with Rotor	SUS 304
9	Seal Housing	SUS 304
11	Double Mech. Seal	Upper: CA/CE Lower: SIC/SIC
12	Seal Bracket	SUS 304
13	Jet Ring	SUS 304
14	Impeller	SUS 304



EM-Series Dimensions



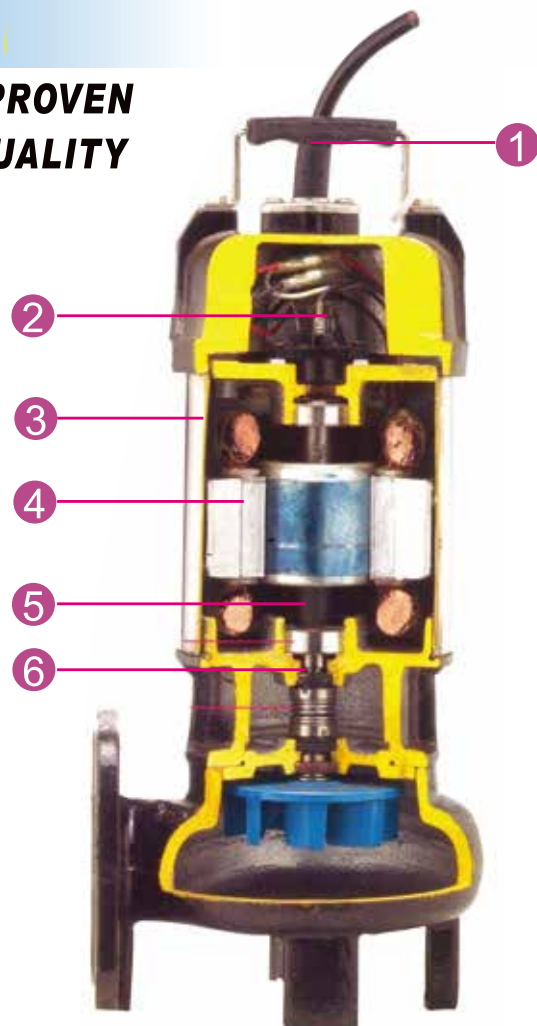
Dimensions (mm)					
Type	A	B	C	D	E
EM-5.20	263	253	466	383	130
EM-5.30	305	300	526	444	150

Modular Design:

Robust Submersible Platform Motor

- 1 Water-proof Cable:**
Epoxy potting for self-contained core sealer
- 2 Motor Protector:**
Built-in protectors preventing motors from burnout due to abnormal operation
- 3 Anti-corrosive Motor Housing:**
Made of stainless steel, high-resistance to corrosion
- 4 High-Efficiency Motor:**
Specially designed submersible motor with F class insulation and low temperature rise
- 5 C3 Clearance Bearing:**
Deep groove bearing with C3 clearance, running life more than 50,000 hours
- 6 High-reliability Shaft Sealing:**
Back-to back double mechanical seals in the separate oil chamber, oil seal equipped at pressure side

PROVEN QUALITY



Applications:

Model	Type	Output	Impeller	Spherical clearance
JDSK	Cutter Pumps	0.37~5.5kW	Semi-open/TC cutter	19~28 mm
JDS	Non-clog Pumps	0.37~5.5kW	Vortex	35~45 mm
JKD	Dredging Pumps	0.37~5.5kW	Vortex	10~12.5 mm

USER CATEGORIES	JDS	JDSK	JKD
Breweries	•	•	
Canneries	•	•	
Chemical Ind.	•	•	
Construction	•		•
Dredging			•
Environmental Ind.	•	•	•
Food processing	•	•	
Hotel Restaurant	•	•	
Leather Ind.	•	•	
Mines	•		•
Paper mill	•		
Petrol-chemical Ind.	•	•	
Power plant	•		•
Quarries	•		•
Refineries	•	•	
Rolling mills			•
Rubber Ind.	•		
Sewage treatment	•	•	•
Steel works	•		•
Sugar factories	•		
Textile mills	•	•	
Electronics	•		•

USER CATEGORIES	JDS	JDSK	JKD
Abrasive	•		•
Activated sludge		•	
Aggressive media	•		
Cement			•
Chicken feathers	•		
Circulation water	•		
Coal washing water	•		•
Digester sludge	•		
Fly ash	•		•
Gassy sludge	•		
Grinding dust			•
Ground water	•	•	
Harbor sludge	•		•
Oil residues	•		•
Paper pulp	•		
Primary sludge	•		
Process water	•		
Sand, lime sludge			•
Sewage	•	•	
Sludge circulation	•		•
Viscous media	•		
Waste water	•	•	