



Submersible Pumps for Sewage and Wastewater

Discharge : 50 to 100mm

Motor Capacity : 0.25 to 11kW

Discharge : 50 to 700mm

Motor Capacity : 0.75 to 370kW

SE Type

SU Type



TERAL INC.

SE series

Submersible Pumps for Sewage and Wastewater Effluent

The “SE” series pump is a compact, rugged, heavy-duty submersible cast iron pump designed for handling sewage and wastewater effluent in the applications below. This Series pump has become available in the wide ranges of 0.4kW to 11kW, as standard, and also in the larger sizes up to 370kW for higher head and larger capacity, on request, thus meeting recently increased demands in this field. Also, this series includes for automatic operation, automatic alternating operation type and complete with discharge elbow assembly for quick discharge connection.

APPLICATIONS

- + Sewage, effluent and wastewater removal and transfer
- + Sump drainage
- + Dewatering
- + Flood control and emergency
- + Circulation
- + Other general dewatering

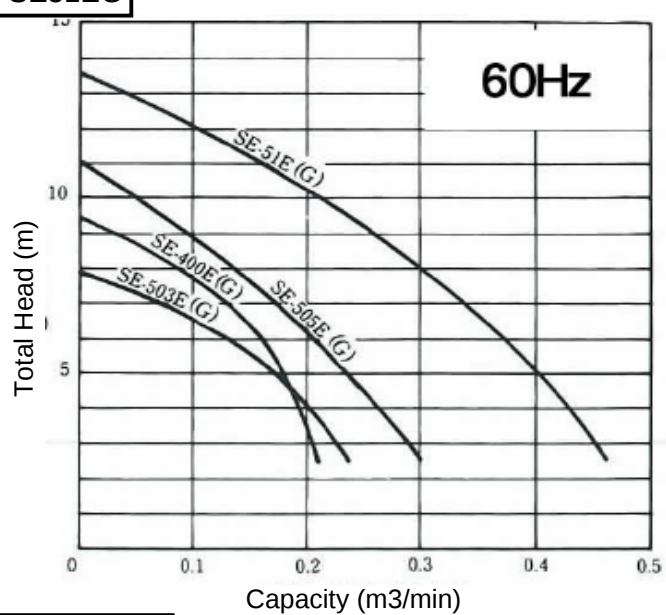
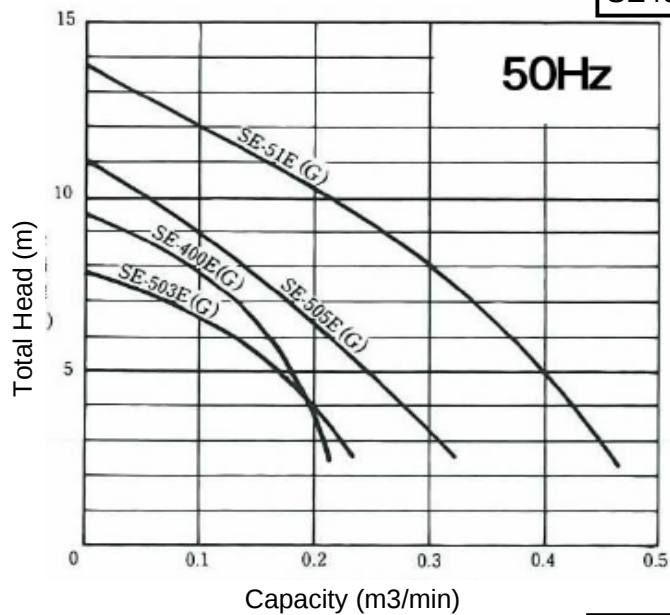
FEATURES

- + Non-Clogging
 - Efficient pumping of wastewater with medium size solids.
- + Minimum Installation Costs
 - No pump house and space required. Easy operation and maintenance
- + Long life Mechanical Seals and Bearings
 - Anti-abrasion and anti-corrosion, oil lubricated
- + Reliable Submersible Motor
 - Air filled watertight. Compact 2 pole
- + Motor Protection
 - A built-in protector prevents motor from overheating caused by over-current, locking or dry operation
- + Quick Coupling
 - Automatic discharge elbow assembly adaptable for easy inspection and maintenance
- + Automatic Operation
 - Automatic, automatic alternating and parallel types, with control relay built in pump and float switches, without requiring of control panel outside.

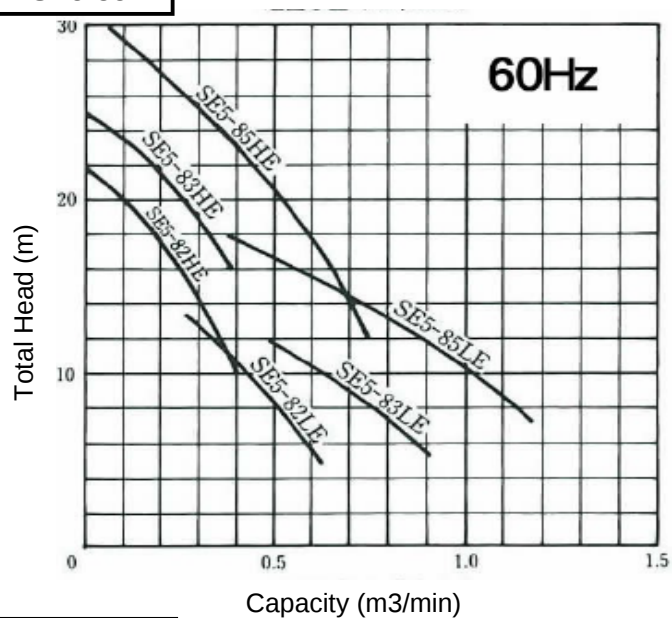
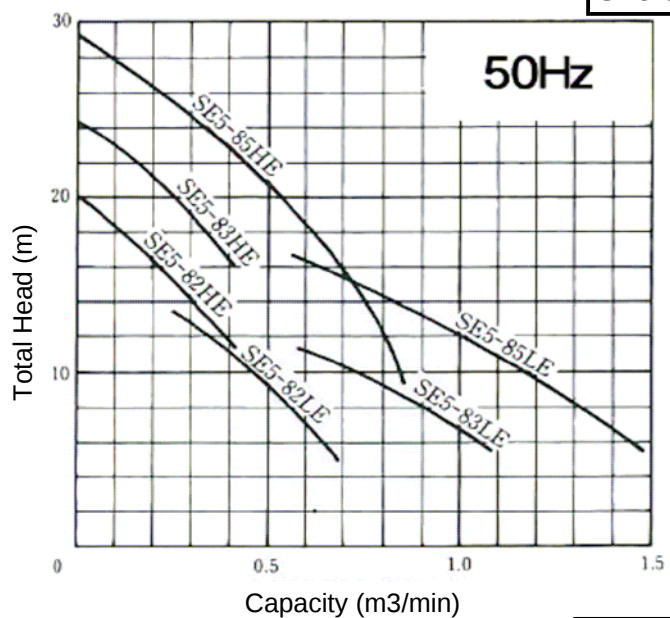


Selection Chart

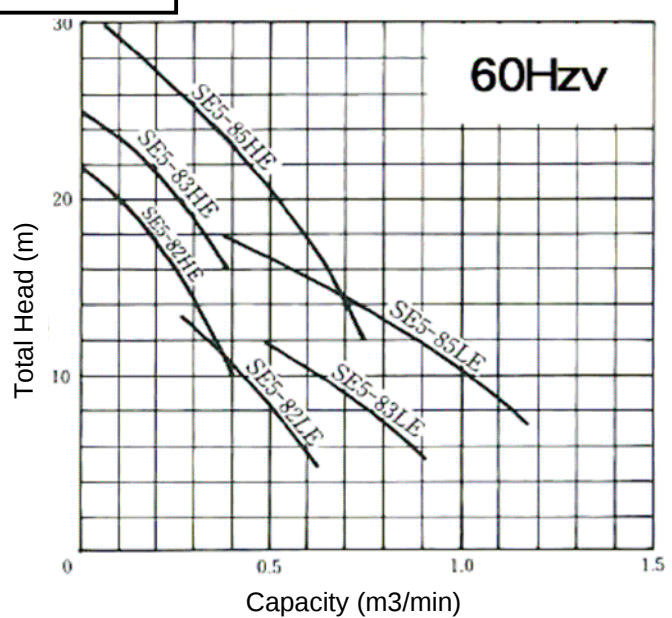
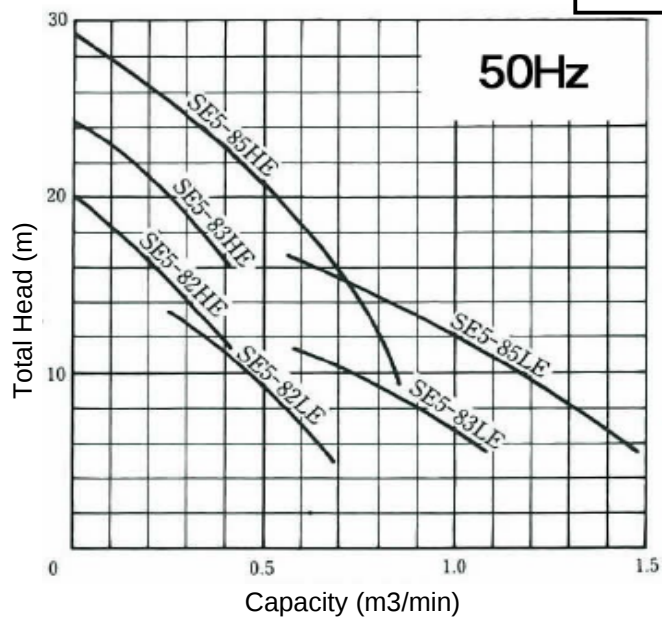
SE400E~SE51EG



SE5-82HE~SE5-85LE



SE5-88E~SE5-1015ED



Materials and Standards

Description	Material	JIS	ASTM standards	BS standards
Upper Casing	Cast Iron	FC200	A48-30A	1452-Grade 180
Motor Housing	Cast Iron	FC200	A48-30A	1452-Grade 180
Impeller	Cast Iron	FC250	A48-35A	1452-Grade 220
Suction Cover	Cast Iron	FC250	A48-35A	1452-Grade 220
Pump Casing	Cast Iron	FC250	A48-35A	1452-Grade 220
Shaft	Stainless Steel	SUS403	AISI-403	403S17
External Bolts & Nuts	Stainless Steel	SUS403	AISI-403	403S17
Discharge Elbow	Cast Iron	FC250	A48-35A	1452-Grade 220
Power Cable	VCT (Polyvinyl Chloride Cabtyre Cable) 1.25mm2 only 2PNCT (Ethylene-Propylene Rubber Insulated Chloroprene Cabtyre Cable) 2.00mm2 and larger			

Specifications

Model		Discharge	Output	Pole	Capacity		Solid Pass (mm)	Power Cable
Standard	Q.D.C.				m3/min	m		
SE-400E	SE-400B1	50 / 65*	0.4	2	0.16	6	12	1.25mm2 x 3C x 6m
SE-400G	-		0.4	2	0.16	6	12	1.25mm2 x 3C x 6m
SE-503E	SE-503B1	50 / 65*	0.25	2	0.15	5	12	1.25mm2 x 4C x 6m
SE-503G	-		0.25	2	0.15	5	12	1.25mm2 x 4C x 6m
SE-505E	SE-505B1	80 / 65*	0.4	2	0.2	6	12	1.25mm2 x 4C x 10m
SE-505G	-		0.4	2	0.2	6	12	1.25mm2 x 4C x 10m
SE-51E	SE-51B1	80 / 65*	0.75	2	0.3	8	16	1.25mm2 x 4C x 10m
SE-51G	-		0.75	2	0.3	8	16	1.25mm2 x 4C x 10m
SE5-82HE	SE5-82HBH	80 / 65*	1.5	2	0.25	15	13	2.0mm2 x 4C x 8m
SE5-82LE	SE5-82LBH		1.5	2	0.5	8	16	2.0mm2 x 4C x 8m
SE5-83HE	SE5-83HBH		2.2	2	0.25	20	15	2.0mm2 x 4C x 8m
SE5-83LE	SE5-83LBH		2.2	2	0.75	8	34	2.0mm2 x 4C x 8m
SE5-85HE	SE5-85HBH		3.7	2	0.5	20	18	2.0mm2 x 4C x 8m
SE5-85LE	SE5-85LBH		3.7	2	1.0	10	32	2.0mm2 x 4C x 8m
SE5-88E	SE5-88BH	80 / 65*	5.5	2	0.3	30	19	3.5mm2 x 4C x 8m
SE5-810E	SE5-810BH		7.5	2	0.4	35	20	5.5mm2 x 4C x 8m
SE5-815ED	SE5-815DBH		11	2	0.5	40	20	5.5mm2 x 4C+3C x 8m
SE5-108E	SE5-108BH	100	5.5	2	1.3	12	33	3.5mm2 x 4C x 8m
SE5-1010E	SE5-1010BH		7.5	2	1.5	15	33	5.5mm2 x 4C x 8m
SE5-1015ED	SE5-1015DBH		11	2	1.8	15	36	5.5mm2 x 4C+3C x 8m

- Notes :
1. Power supply : Coltage between 200V to 550V, 3phase, 50Hz or 60Hz
(SE-400 only : 1phase, 100V to 240V, 50Hz or 60Hz)
 2. Starting Method : Direct-on--Line Start
 3. Mark * shows availability of discharge sizes, on request.
 4. Standard Accessories : 1) Submersible power cable, 2) Companion Flange
 5. Power cable : 2PNCT (expect 1.25mm2), VCT (1.25mm2 only)

Product Code

Suffix	"E"	Flange type connection
	"G"	Internal threaded type connection
	"B"	Q.D.C. type connection
	"L"	Low Head type connection
	"H"	High Head type connection
	"D"	2 power cable type

Dimensions

■Standard

SE-400EG~SE5-85□E

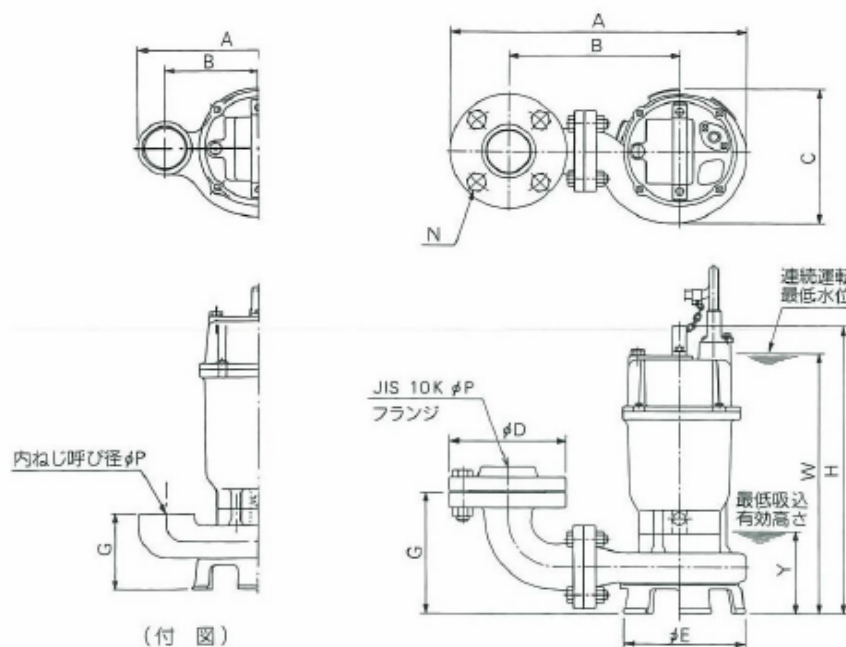


Fig.A

Fig.B

SE5-88E~SE5-1015ED

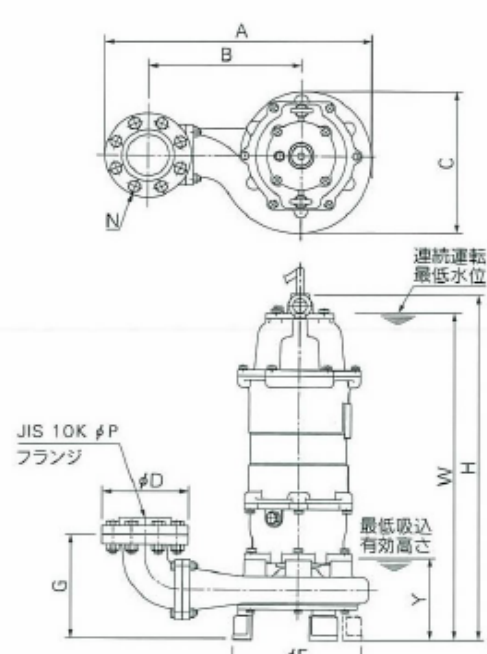


Fig.C

(Unit : mm)

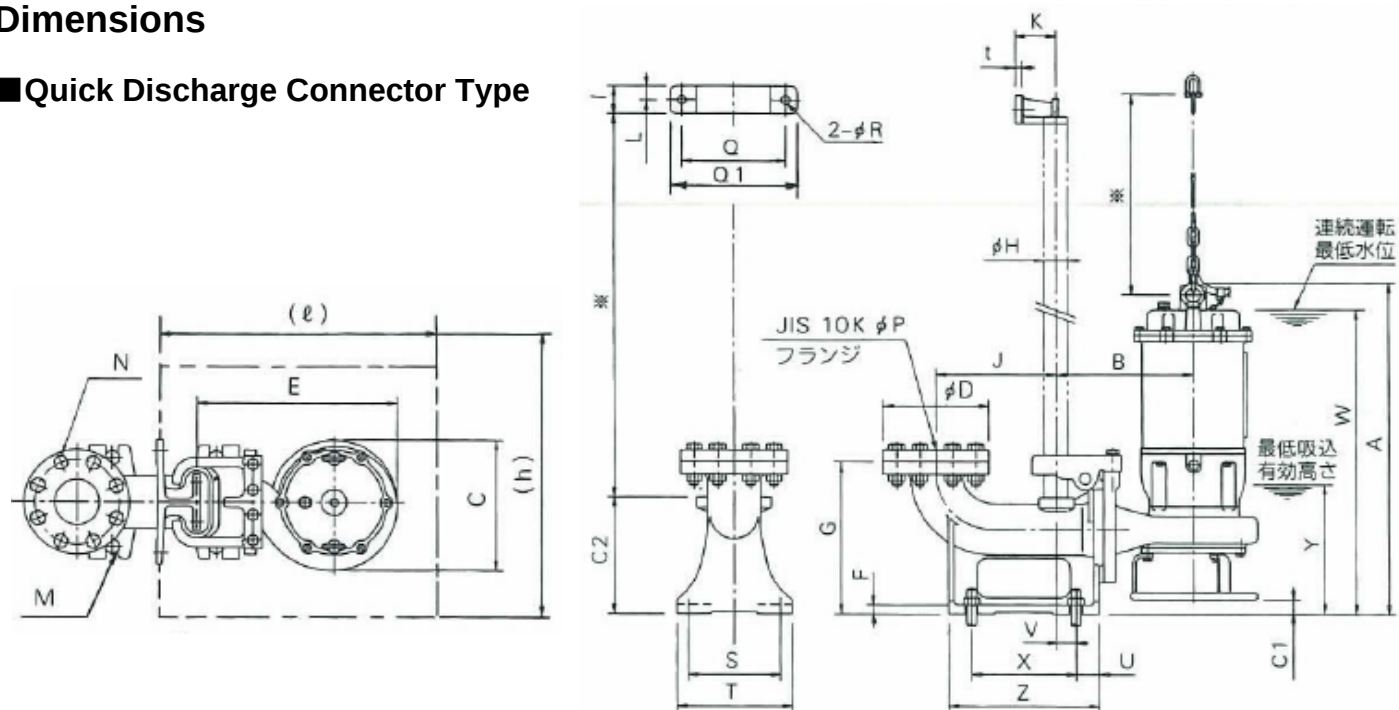
Model	Fig.	A	B	C	D	E	G	H	N	P	W	Y
SE-400E	B	389	225	180	155	170	162	405	4-M16	50	360	110
SE-400G	A	245	120	180	PT 2	170	95	405	-	50	360	110
SE-503E	B	389	225	180	155	170	162	390	4-M16	50	350	110
SE-503G	A	245	120	180	PT 2	170	95	390	-	50	350	110
SE-505E	B	389	225	180	155	170	162	390	4-M16	50	350	110
SE-505G	A	245	120	180	PT 2	170	95	390	-	50	350	110
SE-51E	B	389	225	180	155	170	162	390	4-M16	50	350	110
SE-51G	A	245	120	180	PT 2	170	95	390	-	50	350	110
SE5-82HE	C	440	236	232	185	243	243	578	4-M16	80	530	180
SE5-82LE												
SE5-83HE	C	484	266	253	185	254	254	590	8-M16	80	550	200
SE5-83LE												
SE5-85HE	C	488	266	268	185	250	250	643	8-M16	80	690	190
SE5-85LE												
SE5-88E	C	649	401	312	185	285	228	722	8-M16	80	670	180
SE5-810E	C	649	401	312	185	285	228	722	8-M16	80	670	180
SE5-815ED	C	649	401	312	185	285	228	775	8-M16	80	730	180
SE5-108E	C	691	406	320	210	285	279	751	8-M16	100	700	220
SE5-1010E	C	691	406	320	210	285	279	751	8-M16	100	700	220
SE5-1015ED	C	691	406	320	210	285	279	810	8-M16	100	760	220

*Dimension Y : Lowest Water Level for effective suction

*Dimension W : Permissible Lowest Water Level for continuous operation

Dimensions

■ Quick Discharge Connector Type



(Unit : mm)

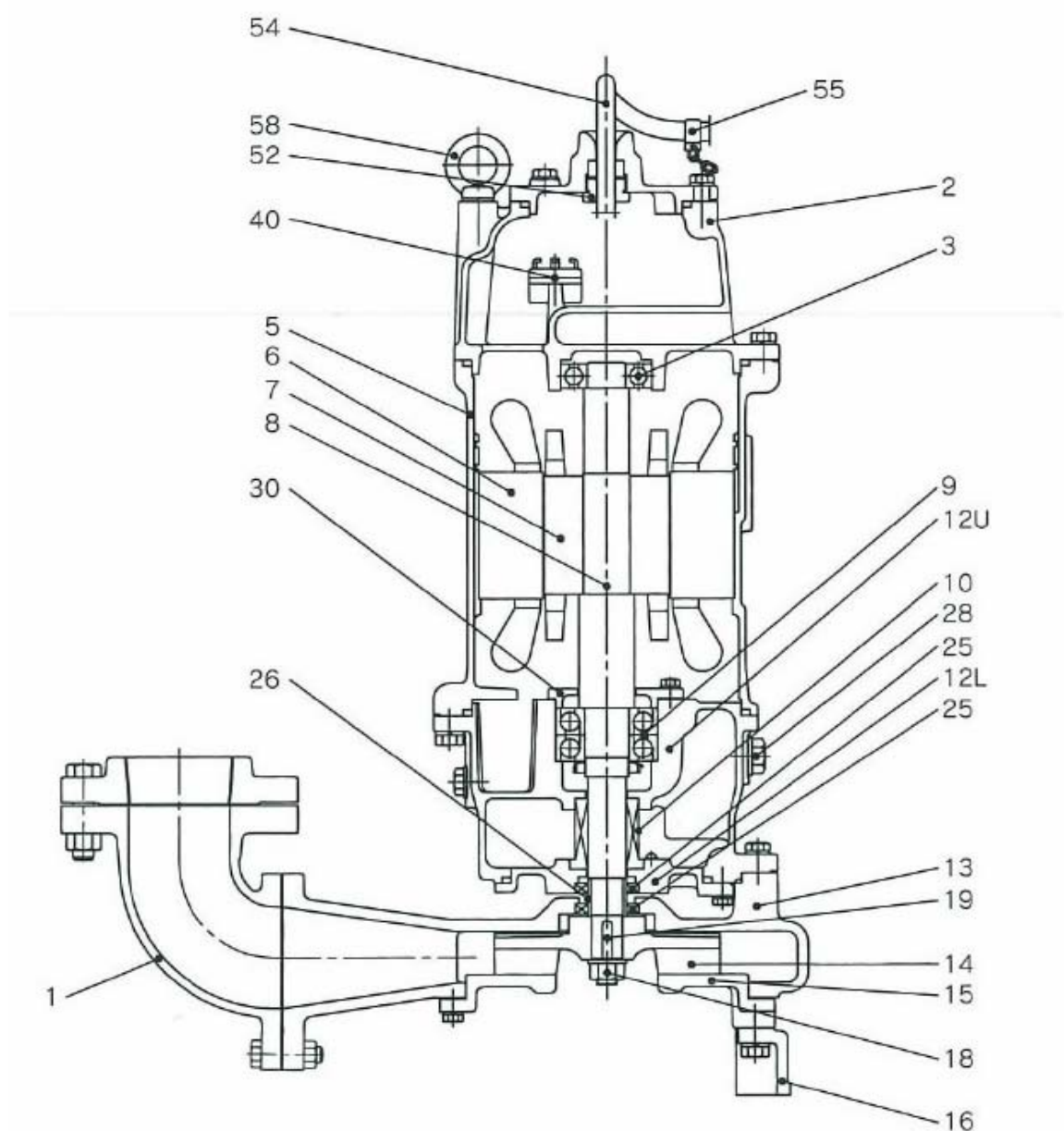
Model	A	B	C	C1	C2	D	E	F	G	H*	I	J	K	L
SE-400B1	463	201	180	58	160	155	287	15	210	SGP 25A	30	125	60	15
SE-503B1	448	201	180	58	160	155	287	15	210		30	125	60	15
SE-505B1	448	201	180	58	160	155	287	15	210		30	125	60	15
SE-51B1	448	201	180	58	160	155	287	15	210		30	125	60	15
SE5-82HBH	605	312	232	27	195	185	423	16	270	SGP 40A	50	209	70	25
SE5-82LBH			253	16	195	185	467	16	270		50	209	70	25
SE5-83HBH			268	16	195	185	472	16	270		50	209	70	25
SE5-85HBH	663	312	268	16	195	185	472	16	270		50	209	70	25
SE5-85LBH			268	16	195	185	472	16	270	SGP 40A	50	209	70	25
SE5-88BH	762	407	315	41	195	185	565	16	270		50	209	70	25
SE5-810BH	762	407	315	41	195	185	565	16	270		50	209	70	25
SE5-815DBH	817	407	315	41	195	185	565	16	270		50	209	70	25
SE5-108BH	809	362	321	56	235	210	522	18	325	SGP 40A	50	209	70	25
SE5-1010BH	809	362	321	56	235	210	522	18	325		50	209	70	25
SE5-1015DBH	862	362	321	56	235	210	522	18	325		50	209	70	25

Model	M	N	P	Q	Q1	R	S	T	U	V	W	X	Y	Z	t	ℓ	h
SE-400B1	M16-200L	4-M16	50	120	150	15	100	140	30	15	420	120	180	180	12	180	180
SE-503B1	M16-200L	4-M16	50	120	150	15	100	140	30	15	410	120	180	180	12	180	180
SE-505B1	M16-200L	4-M16	50	120	150	15	100	140	30	15	410	120	180	180	12	180	180
SE-51B1	M16-200L	4-M16	50	120	150	15	100	140	30	15	410	120	180	180	12	180	180
SE5-82HBH	M16-200L	8-M16	80	180	220	15	160	200	40	33	560	180	230	260	12	550	400
SE5-82LBH						15											
SE5-83HBH	M16-200L	8-M16	80	180	220	15	160	200	40	33	560	180	230	260	12	650	500
SE5-83LBH						15											
SE5-85HBH	M16-200L	8-M16	80	180	220	15	160	200	40	33	600	180	230	260	12	650	500
SE5-85LBH						15											
SE5-88BH	M16-200L	8-M16	80	180	220	15	160	200	40	33	710	180	230	260	12	800	600
SE5-810BH	M16-200L	8-M16	80	180	220	15	160	200	40	33	710	180	230	260	12	800	600
SE5-815DBH	M16-200L	8-M16	80	180	220	15	160	200	40	33	710	180	230	260	12	800	600
SE5-108BH	M16-200L	8-M16	100	180	220	15	200	240	40	33	760	220	280	300	12	650	500
SE5-1010BH	M16-200L	8-M16	100	180	220	15	200	240	40	33	760	220	280	300	12	650	500
SE5-1015DBH	M16-200L	8-M16	100	180	220	15	200	240	40	33	830	220	280	300	12	650	500

*Dimension Y : Lowest Water Level for effective suction

*Dimension W : Permissible Lowest Water Level for continuous operation

Sectional Drawing



No	Parts Name	Material
1	Discharge Elbow	FC250
2	Upper Casing	FC250
3	Ball Bearing	-
5	Motor Flame	FC250
6	Stator	-
7	Rotor	-
8	Shaft	SUS403
9	Ball Bearing	-
10	Shaft Seal	Mechanical Seal
12U	Oil Box A	FC250
12L	Oil Box B	FC250
13	Pump Casing	FC250
14	Impeller	FC250
15	Suction Cover	FC250

No	Parts Name	Material
16	Supporter	FC250
18	Impeller Nut	SUS304
19	Impeller Key	SUS304
25	Dust Seal	NBR
26	Shaft Sleeve	SUS403
28	Oil Plug	SUS304
30	Bearing Cover	SS400
40	Motor Protector	-
52	Cable Gland	SS400
54	Cable	PNCT
55	Cable Clamp	SUS304
58	Eye Bolt	SUS304
60	Bearing Case	FC250

SU series

Submersible Pumps for Sewage and Wastewater

Optimum for sewage, Wastewater and Process Dewatering applications for Municipalities and Industries.

Series "SU" Models are specially designed for compact, lightweight yet heavy duty construction and reliable operation with all models having the following advantages.

APPLICATIONS

- + Sewage, Pumping Pits and Stations
- + Sewage Treatment Plants
- + Waste Effluent Pumping Stations
- + Septic Tanks
- + Flood Control and Emergency
- + Drainage of Waste Disposal and others

SU - 50365 DB

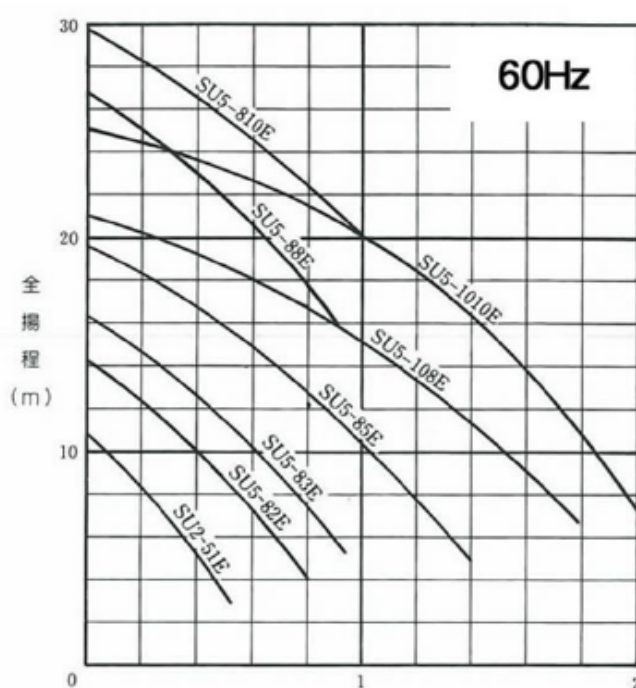
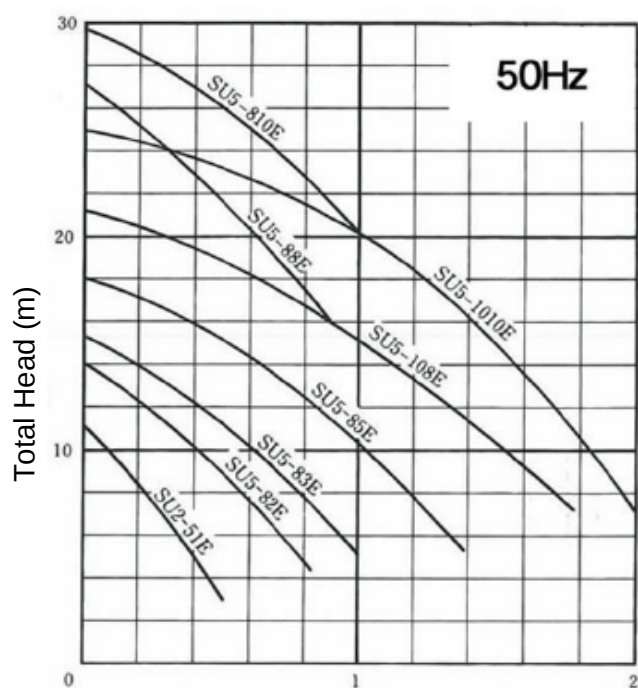


FEATURES

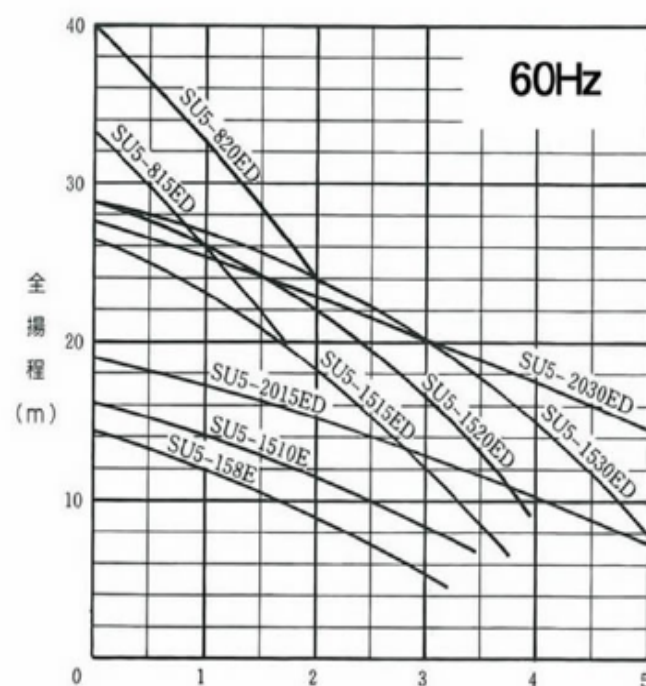
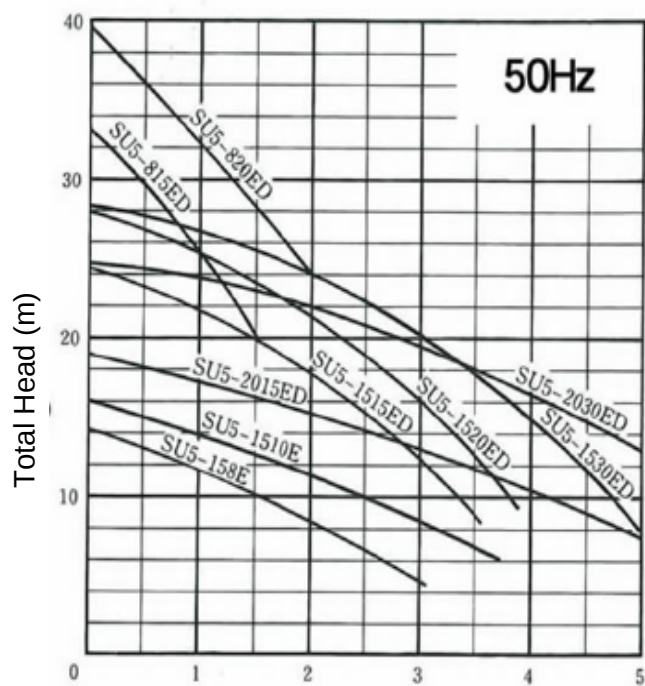
- + Non-Choking
Non-clogging Impeller provides wider passage space which can cope with solid handling without a choking problem.
- + Low Installation Cost
Reduced installation costs because no special pump housing and piping are required. Space saving and quiet operation because pumps run completely submerged.
- + Reliable Seals
Combination of Double Mechanical Seals and Oil Seals give anti-abrasion and anti-corrosion features.
- + Easy Maintenance
Pumps come complete with Quick Discharge Connector with cuts maintenance costs

Selection Chart

SU2-51E~SU5-1010E

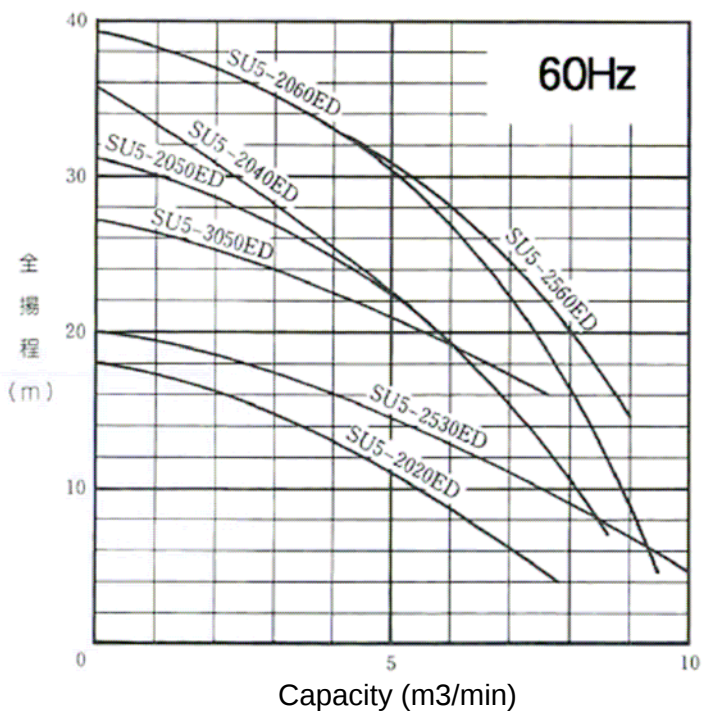
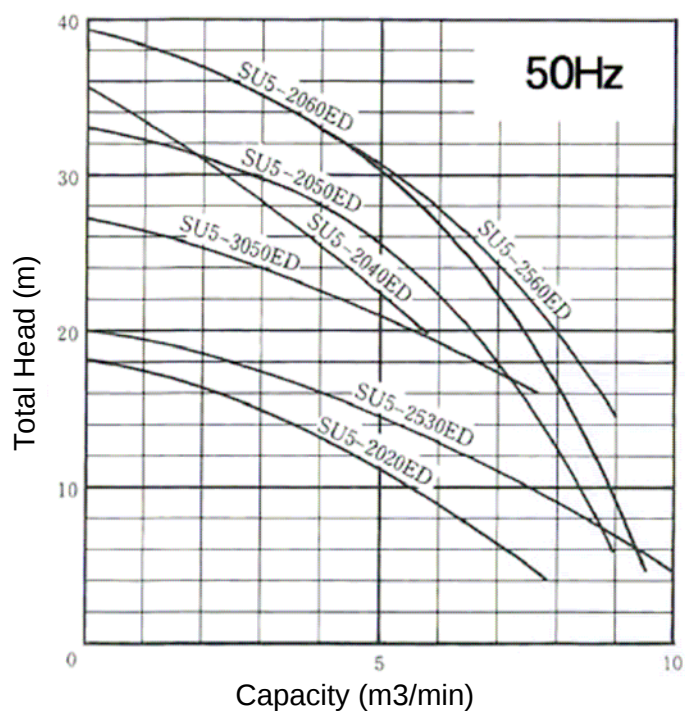


SU5-158~SU5-2030E

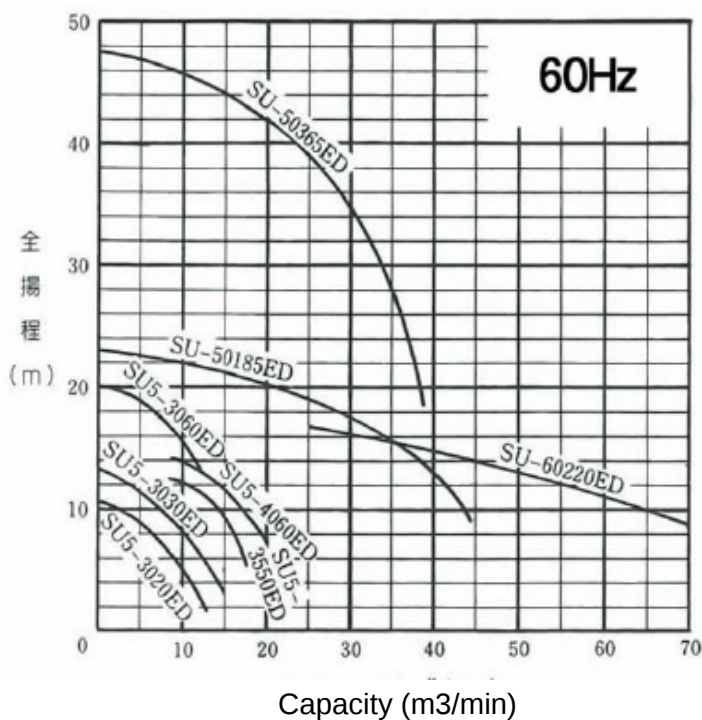
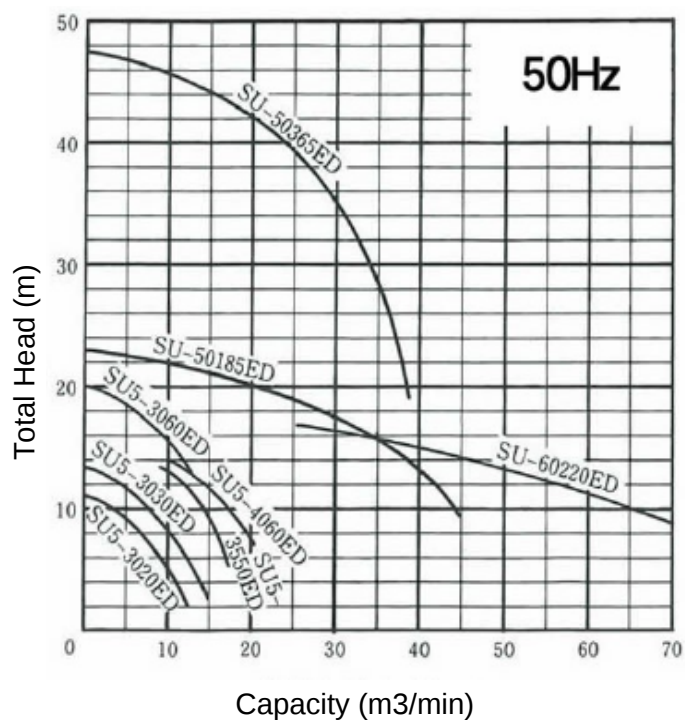


Selection Chart

SU5-2020E~SU5-2560ED



SU5-3020ED~4060ED and SU-50185ED~6022ED



Materials and Standards

Description	Material	JIS	ASTM standards	BS standards
Upper Casing	Cast Iron	FC200	A48-30A	1452-Grade 180
Motor Housing	Cast Iron	FC200	A48-30A	1452-Grade 180
Impeller	Cast Iron	FC250	A48-35A	1452-Grade 220
Suction Cover	Cast Iron	FC250	A48-35A	1452-Grade 220
Pump Casing	Cast Iron	FC250	A48-35A	1452-Grade 220
Shaft	Stainless Steel	SUS403	AISI-403	403S17
External Bolts & Nuts	Stainless Steel	SUS403	AISI-403	403S17
Discharge Elbow	Cast Iron	FC250	A48-35A	1452-Grade 220

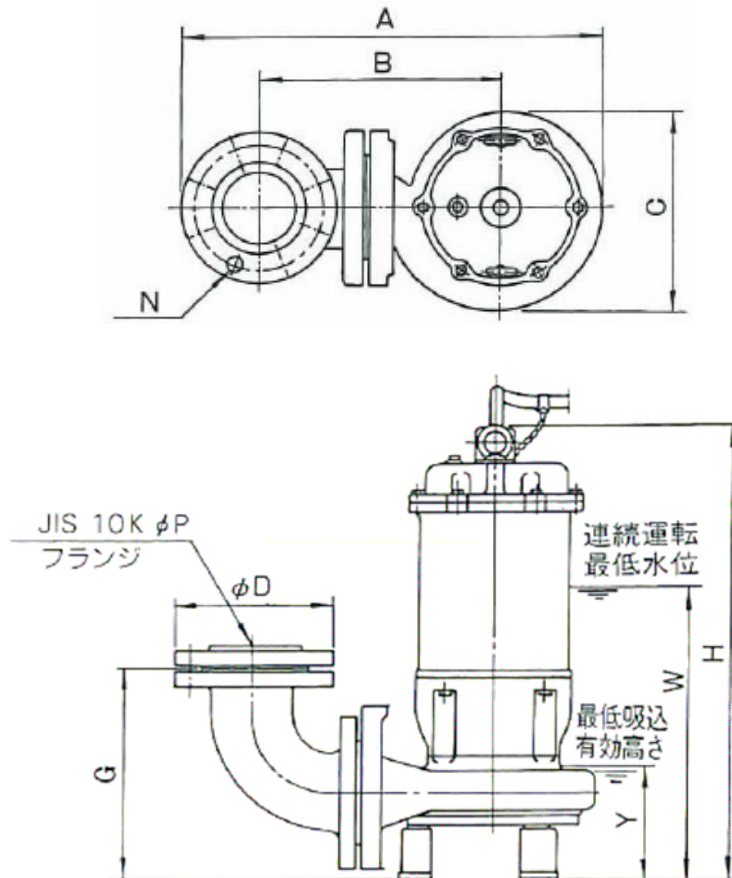
Specifications

Model		Discharge	Output	Pole	Capacity		Solid Pass (mm)	Power Cable
Standard	Q.D.C.				m3/min	m		
SU2-51E	SU2-51B1	50 / 65*	0.75	4	0.21	8	20	1.25mm2 x 4C x 10m
SU5-82E	SU5-82B	80 (65/100) *	1.5	4	0.55	8	20	2.0mm2 x 4C x 8m
SU5-83E	SU5-83B		2.2	4	0.6	10	22	2.0mm2 x 4C x 8m
SU5-85E	SU5-85B		3.7	4	1.0	10	29	2.0mm2 x 4C x 8m
SU5-88E	SU5-88B	80 (65/100)*	5.5	4	0.6	20	29	3.5mm2 x 4C x 8m
SU5-810E	SU5-810B		7.5	4	0.6	25	29	5.5mm2 x 4C x 8m
SU5-815E	SU5-815DB		11	4	1.0	25	29	5.5mm2 x 4C+3C x 8m
SU5-820ED	SU5-820DB		15	4	1.2	30	29	14mm2 x 4C+3C x 8m
SU5-108E	SU5-108B	100	5.5	4	1.5	10	34	3.5mm2 x 4C x 8m
SU5-1010E	SU5-1010B		7.5	4	1.5	15	34	5.5mm2 x 4C x 8m
SU5-158E	SU5-158BH	150	5.5	4	2.0	6	55	3.5mm2 x 4C x 8m
SU5-1510E	SU5-1510BH		7.5	4	2.5	10	60	5.5mm2 x 4C x 8m
SU5-1515ED	SU5-1515DBH		11	4	2.5	15	44	5.5mm2 x 4C+3C x 8m
SU5-1520ED	SU5-1520DBH		15	4	3.0	15	44	14mm2 x 4C+3C x 8m
SU5-1530ED	SU5-1530DB		22	4	3.0	20	35	14mm2 x 4C+3C x 8m
SU5-2015ED	SU5-2015DBH	200 (250)*	11	4	4.0	10	60	5.5mm2 x 4C+3C x 8m
SU5-2020ED	SU5-2020DBH		15	4	5.0	10	60	14mm2 x 4C+3C x 8m
SU5-2030ED	SU5-2030DBH		22	4	5.0	15	65	14mm2 x 4C+3C x 8m
SU5-2040ED	SU5-2040DBH		30	4	3.5	26	45	22mm2 x 4C+3C x 8m
SU5-2050ED	SU5-2050DBH		37	4	5.0	22	55	22mm2 x 4C+3C x 8m
SU5-2060ED	SU5-2060DBH		45	4	5.0	30	55	38mm2 x 4C+3C x 8m
SU5-2520ED	SU5-2520DB1B	250	15	6	6.0	8	75	14mm2 x 4C+3C x 8m
SU5-2530ED	SU5-2530DB1B		22	6	6.0	13	75	14mm2 x 4C+3C x 8m
SU5-2550ED	SU5-2550DB1B		37	6	8.5	17	75	22mm2 x 4C+3C x 8m
SU5-2560ED	SU5-2560DB1B		45	4	6.0	27	75	38mm2 x 4C+3C x 8m
SU5-25100ED	SU5-25100DB1B		75	4	8.0	28	75	38mm2 x 4C+3C x 8m
SU5-3050ED	SU5-3050DB1B	300	37	6	8.0	15	75	22mm2 x 4C+3C x 8m
SU5-3060ED	SU5-3060DB1B		45	6	10.0	16	75	38mm2 x 4C+3C x 8m
SU5-3075ED	SU5-3075DB1B		55	6	12.0	18	75	38mm2 x 4C+3C x 8m
SU-30150ED	SU-30150DB1B		110	4	11.5	38	75	50mm2 x 4C+3C x 8m
SU5-3550ED	SU5-3550DB1B	350	37	6	14.0	10	75	22mm2 x 4C+3C x 8m
SU5-3575ED	SU5-3575DB1B		55	6	17.0	13	75	38mm2 x 4C+3C x 8m
SU-35100ED	SU-35100DB1B		75	6	18.0	17	75	38mm2 x 4C+3C x 8m
SU5-4050ED	SU5-4050DB1B	400	37	6	18.0	7.5	75	22mm2 x 4C+3C x 8m
SU5-4060ED	SU5-4060DB1B		45	6	18.0	9.5	75	38mm2 x 4C+3C x 8m
SU5-4075ED	SU5-4075DB1B		55	6	21.0	11	75	38mm2 x 4C+3C x 8m
SU-5075ED	SU-5075DB1B	500	55	8	30.0	7.5	100	38mm2 x 4C+3C x 8m
SU-50150ED	SU-50150DB1B		110	6	34.0	14	100	50mm2 x 4C+3C x 8m
SU-50185ED	SU-50185DB1B		140	6	36.0	15	100	50mm2 x 4C+3C x 8m
SU-50365ED	SU-50365DB1B		275	6	30.0	35	95	150mm2 x 4C+3C x 8m
SU-60220ED	SU-60220DB1B	600	160	8	60.0	11	100	100mm2 x 4C+3C x 8m

- Notes :
1. Power supply : Coltage between 200V to 550V, 3phase, 50Hz or 60Hz
 2. Mark * shows availability of discharge sizes, on request.
 3. Power cable size in the table : Standard for 200V (55kW and below) or 400V (75kW and above)

Dimensions

■ Standard



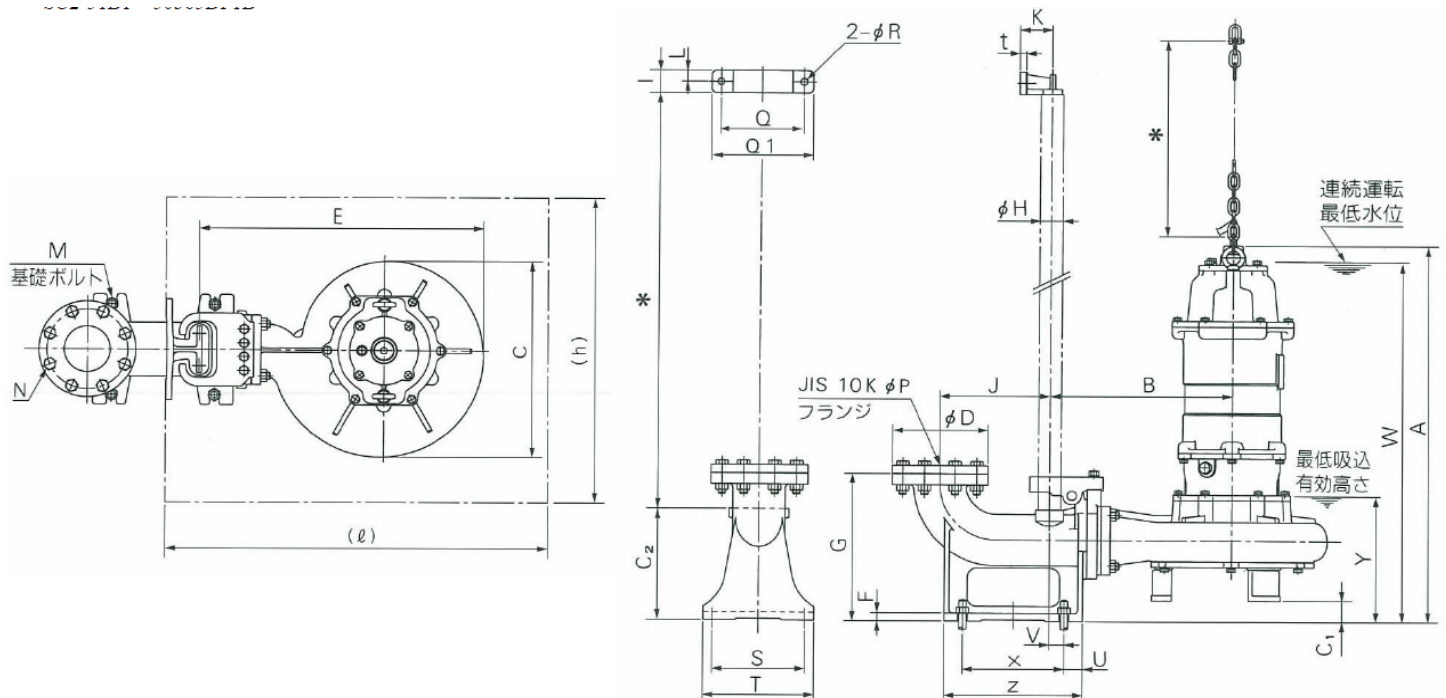
Model	A	B	C	D	G	H	N	P	W	Y
SU2-51E	461	263	237	155	190	443	4-M16	50	400	150
SU5-82E	555	311	300	185	230	620	8-M16	80	580	170
SU5-83E	563	311	315	185	230	625	8-M16	80	580	170
SU5-85E	610	341	363	185	230	620	8-M16	80	580	170
SU5-88E	777	471	423	185	290	814	8-M16	80	780	230
SU5-810E	777	471	423	185	290	910	8-M16	80	870	230
SU5-815E	797	471	466	185	290	942	8-M16	80	900	250
SU5-820ED	797	471	466	185	290	1193	8-M16	80	1070	250
SU5-108E	725	405	430	210	312	827	8-M16	100	790	240
SU5-1010E	725	405	430	210	312	922	8-M16	100	880	240
SU5-158E	917	551	458	280	416	858	8-M20	150	820	270
SU5-1510E	917	551	458	80	416	953	8-M20	150	910	270
SU5-1515ED	980	591	501	280	417	974	8-M20	150	940	290
SU5-1520ED	980	591	501	280	417	1225	8-M20	150	1100	290
SU5-1530ED	1085	643	620	280	460	1271	8-M20	150	1150	340
SU5-2015ED	1028	626	474	330	411	1020	12-M20	200	980	330
SU5-2020ED	1115	676	548	330	404	1257	12-M20	200	1130	330
SU5-2030ED	1245	736	695	330	480	1505	12-M20	200	1130	330
SU5-2040ED	1245	736	695	330	480	1505	12-M20	200	1380	400
SU5-2050ED	1245	736	695	330	480	1505	12-M20	200	1380	400
SU5-2060ED	1240	735	700	330	455	1325	12-M20	200	1380	400
SU5-3050ED	1610	1100	900	445	700	1550	16-M22	300	1420	610
SU5-3550ED	1580	940	800	490	790	1600	16-M22	350	1430	620
SU5-4060ED	1725	1030	860	560	910	1850	16-M24	400	1640	690
SU-50185ED	2310	1370	1160	675	1310	2400	2-M24	500	-	1000
SU-50365ED	2470	1470	1280	675	1145	2745	20-M24	500	-	795
SU-60220ED	2521	1555	1141	795	1655	3200	24-M30	600	-	1300

*Dimension Y : Lowest Water Level for effective suction

*Dimension W : Permissible Lowest Water Level for continuous operation

Dimensions

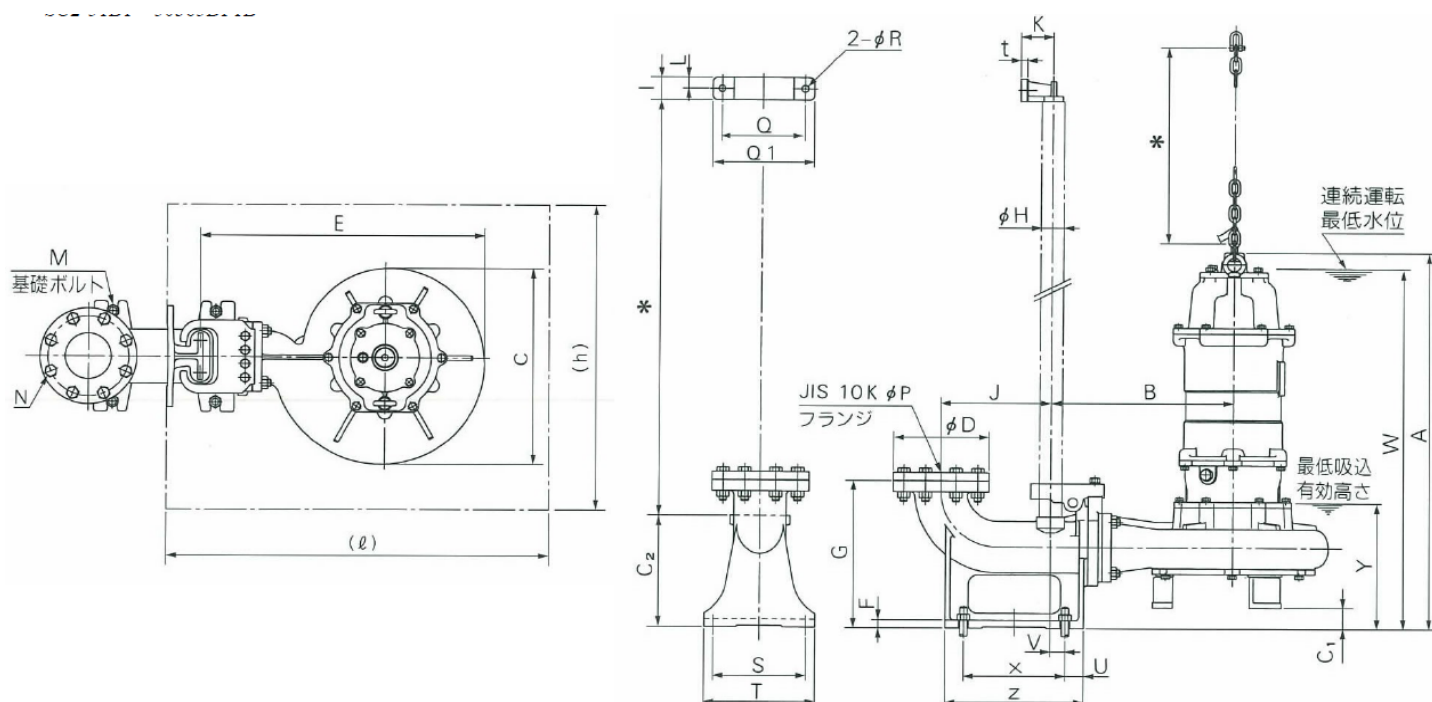
■ Quick Discharge Connector (1/2)



Model	A	B	C	C1	C2	D	E	F	G	H	I	J	K	L	M
SU2-51B1	472	238	237	29	160	155	358	15	270	25A	30	125	60	15	M16-200Lx4
SU5-82B	660	342	300	40	207	185	493	16	270	40A	50	209	70	25	M16-200Lx4
SU5-83B	65	342	315	40	27	185	501	16	270		50	209	70	25	M16-200Lx4
SU5-85B	660	372	363	40	27	185	549	16	270		50	209	70	25	M16-200Lx4
SU5-88B	796	401	423	22	207	185	615	16	270		50	209	70	25	M16-200Lx4
SU5-810B	892	401	423	22	207	185	615	16	270		50	209	70	25	M16-200Lx4
SU5-815DB	921	401	470	19	27	185	635	16	270		50	209	70	25	M16-200Lx4
SU5-820DB	1172	401	470	19	207	185	635	16	270		50	209	70	25	M16-200Lx4
SU5-108B	835	397	430	48	247	210	611	18	325		50	239	70	25	M16-200Lx4
SU5-1010B	930	397	40	48	247	210	612	18	325	50A	60	282	95	30	M20-250Lx4
SU5-158BH	922	509	450	105	330	280	735	22	460		60	282	95	30	M20-250Lx4
SU5-1510BH	1017	509	450	104	330	280	735	22	460		60	282	95	30	M20-250Lx4
SU5-1515DBH	1037	549	501	103	330	280	798	22	460		60	282	95	30	M20-250Lx4
SU5-1520DBH	1288	549	501	103	330	280	798	22	460		60	282	95	30	M20-250Lx4
SU5-1530DB	1291	551	600	94	344	280	853	22	460		60	282	95	30	M20-250Lx4
SU5-2015DBH	1074	559	474	94	385	330	796	24	525		60	342	95	30	M20-250Lx4
SU5-2020DBH	1318	609	548	101	385	330	885	24	525		60	342	95	30	M20-250Lx4
SU5-2030DBH	1318	609	548	101	385	330	885	24	525		60	342	95	30	M20-250Lx4
SU5-2040DBH	1495	669	640	55	385	330	990	24	525		60	342	95	30	M20-250Lx4
SU5-2050DBH	1495	669	640	55	385	330	990	24	525		60	342	95	30	M20-250Lx4
SU5-2060DBH	1495	669	640	55	385	330	990	24	525		60	342	95	30	M20-250Lx4
SU5-2530DB1B	1340	576	548	-	470	400	850	25	620	80A	60	315	95	30	M24-315Lx4
SU5-2560DB1B	1530	636	665	-	470	400	970	25	620		60	315	95	30	M24-315Lx4
SU5-3020DB1B	1350	661	705	-	495	445	1020	25	650		60	345	95	30	M24-315Lx4
SU-3030DB1B	1350	661	705	-	495	445	1020	25	650		60	345	95	30	M24-315Lx4
SU-3060DB1B	1550	696	690	-	495	445	1045	25	650		60	345	95	30	M24-315Lx4
SU-50185DB1B	2380	1060	1160	380	525	675	1660	40	1220		100	770	150	30	M30-315Lx4
SU-50365DB1B	2380	1160	1280	380	525	675	1820	40	1220		100	770	150	5	M30-315Lx4

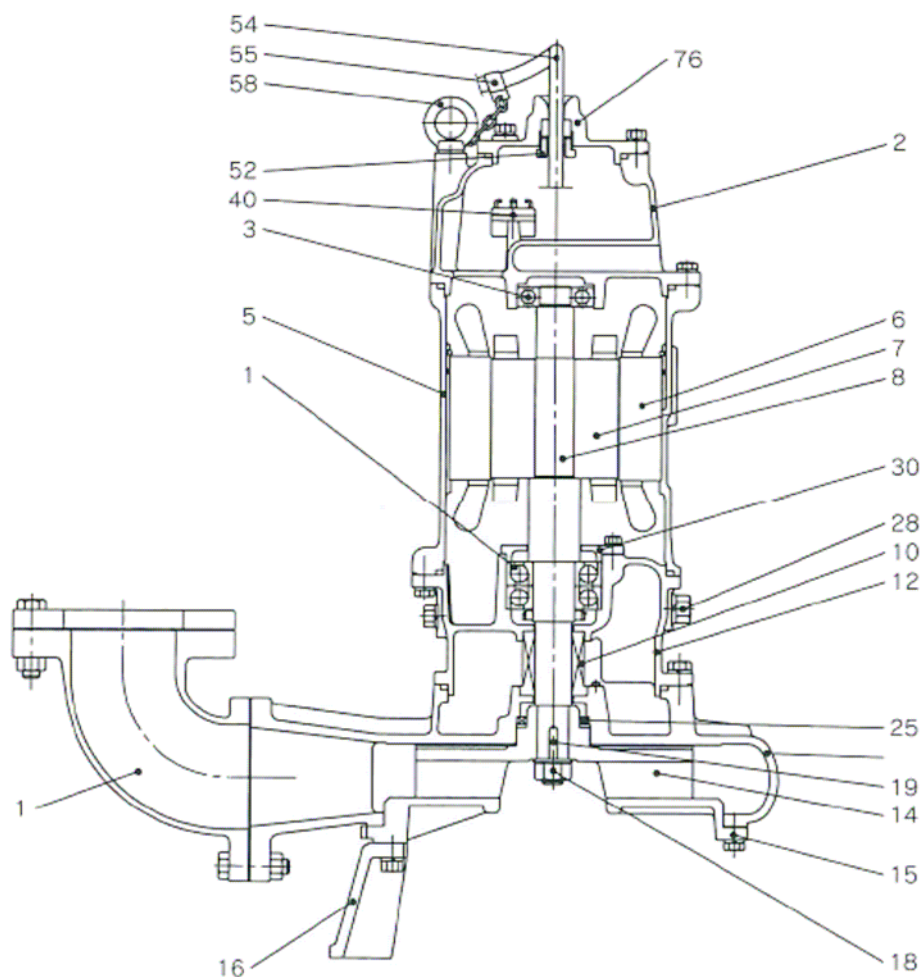
Dimensions

■ Quick Discharge Connector (2/2)



Model	N	P	Q	Q1	R	S	T	U	V	W	X	Y	Z	t	ℓ	h
SU2-51B1	4-M16	50	120	150	15	100	140	30	15	430	120	180	180	2	450	350
SU5-82B	8-M16	80	180	220	15	160	200	40	33	620	180	230	260	12	650	500
SU5-83B	8-M16	80	180	220	15	60	200	40	33	620	180	230	260	12	650	500
SU5-85B	8-M16	80	180	220	15	160	200	40	33	620	180	230	260	12	650	500
SU5-88B	8-M16	80	180	220	15	160	200	40	33	760	180	230	260	12	800	600
SU5-810B	8-M16	80	180	220	15	160	200	40	33	850	180	230	260	12	800	600
SU5-815DB	8-M16	80	180	220	15	160	200	40	33	880	180	230	260	12	800	600
SU5-820DB	8-M16	80	180	220	15	160	200	40	33	1050	180	230	260	12	800	600
SU5-108B	8-M16	100	180	220	15	200	240	4	48	800	220	280	300	12	80	600
SU5-1010B	8-M16	100	180	220	15	200	240	40	48	890	200	280	300	15	800	600
SU5-158BH	8-M16	150	230	280	19	250	300	50	48	880	260	380	360	15	1050	750
SU5-1510BH	8-M20	150	230	280	19	250	300	50	48	980	260	380	360	15	1050	750
SU5-1515DBH	8-M20	150	230	280	19	250	300	50	48	1000	260	380	360	15	1050	750
SU5-1520DBH	8-M20	150	230	280	19	250	300	50	48	1160	260	380	360	15	1050	750
SU5-1530DB	8-M20	150	230	280	19	250	300	50	48	1170	260	380	360	15	1050	750
SU5-2015DBH	12-M20	200	230	280	19	310	360	60	143	1030	460	440	580	15	1200	850
SU5-2020DBH	12-M20	200	230	280	19	310	360	60	143	1190	460	440	580	15	1200	850
SU5-2030DBH	12-M20	200	230	280	19	310	360	60	143	1200	460	440	580	15	1200	850
SU5-2040DBH	12-M20	200	230	280	19	310	360	60	143	1370	460	440	580	15	1200	850
SU5-2050DBH	12-M20	200	230	280	19	310	360	60	143	1370	460	440	580	15	1200	850
SU5-2060DBH	12-M20	200	230	280	19	310	360	60	143	1370	460	440	580	15	1200	850
SU5-2530DB1B	12-M20	250	230	280	19	350	450	65	160	1240	420	450	550	15	1110	750
SU5-2560DB1B	12-M20	250	230	280	19	350	450	65	160	1430	420	450	550	15	1250	900
SU5-3020DB1B	16-M20	300	230	280	19	350	450	70	160	1250	450	480	590	15	1300	900
SU-3030DB1B	16-M20	300	230	280	19	350	450	70	160	1250	450	480	590	15	1300	900
SU-3060DB1B	16-M20	300	230	280	19	350	450	70	160	1450	450	480	590	15	1350	900
SU-50185DB1B	20-M24	500	300	350	19	570	670	100	150	-	1000	900	1150	12	2000	1600
SU-50365DB1B	20-M24	500	300	350	19	570	670	100	150	-	1000	900	1150	12	2200	1700

Sectional Drawing



No	Parts Name	Material
1	Discharge Elbow	FC250
2	Upper Casing	FC250
3	Ball Bearing	-
5	Motor Flame	FC250
6	Stator	-
7	Rotor	-
8	Shaft	SUS403
9	Ball Bearing	-
10	Shaft Seal	Mechanical Seal
12	Oil Box A	FC250
13	Pump Casing	FC250
14	Impeller	FC250
15	Suction Cover	FC250

No	Parts Name	Material
16	Supporter	FC250
18	Impeller Nut	SUS304
19	Impeller Key	SUS304
25	Dust Seal	NBR
28	Oil Plug	SUS304
30	Bearing Cover	SS400
35	Insulation Plate	Bakelite
40	Motor Protector	-
49	Bellmouth	FC250
52	Cable Gland	SS400
54	Cable	PNCT
55	Cable Clamp	SUS304
58	Eye Bolt	SUS304



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