APEC-SUN

Submersible Vortex Sewage Pump







Sea Water



Feature:

- Non-clogging, minimized abrasive wear, large impeller clearance, and maintenance free

Application:

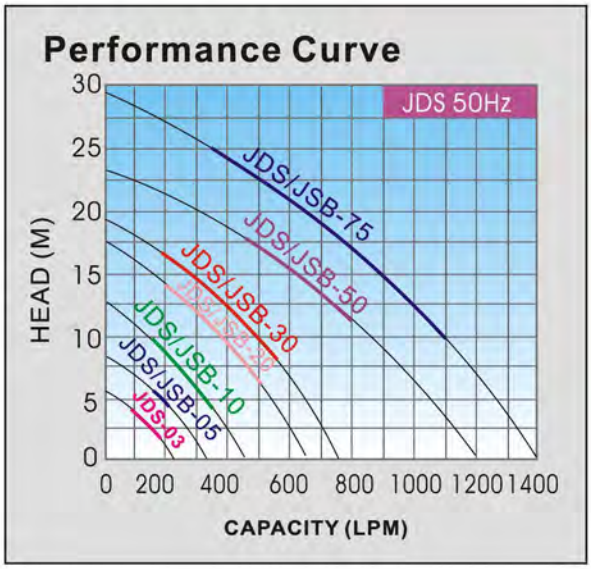
- Medium concentration wastewater, heavy duty,
- JSB type is suitable for PH 3~11 waste water.
- JSB type is also for sea water.


JSB Impeller (SUS 316)

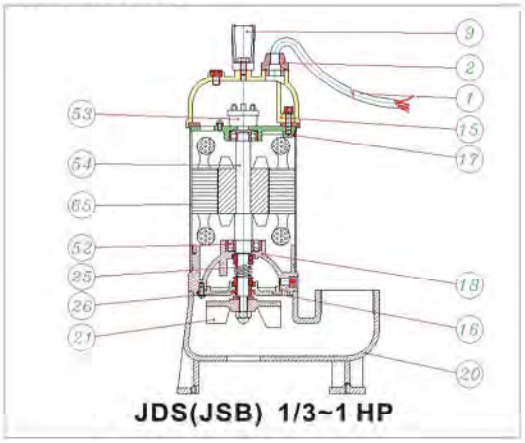

JDS Vortex Impeller

Parts and Material List

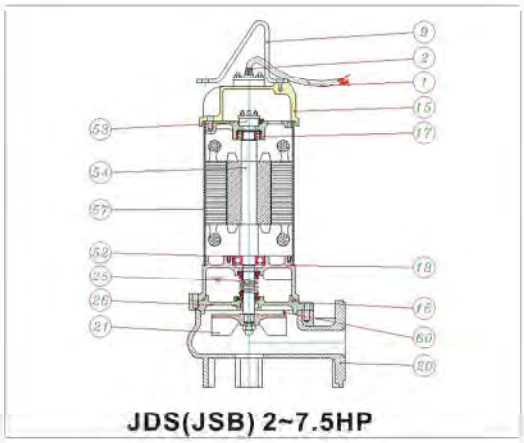
NO	PART	MTRL	
		JDS	JSB
1	Cable	VCT	VCT
2	Cable Hood	PVC	PVC
9	Handle	Nylon 6/SS41	SUS 304
15	Motor Cover	Nylon 66/FC 200	SUS 316
16	Seal Housing	FC 200	SUS 316
17	Bracket	FC 200	FC 200
18	Oil Chamber	FC 200	SUS 316
20	Pump Casing	FC 200	SUS 316
21	Impeller	FC 200	SUS 316
25	Mech. Seal	CA/CE	SIC/SIC
26	Oil Seal	NBR	Viton
52	Bearing	(NTN)	**(NTN)**
53	Protector	(T.I. / YAMADA)	**(T.I. / YAMADA**
54	Shaft	SUS 410	SUS 316
65	Motor Housing	SUS 304	SUS 316



Construction



JDS(JSB) 1/3~1 HP



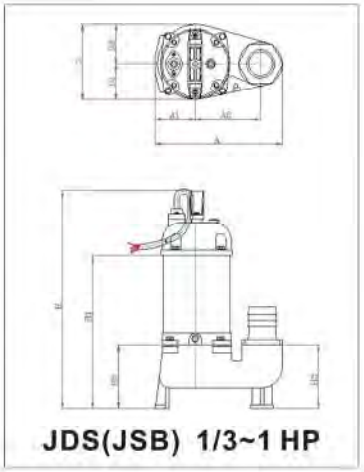
JDS(JSB) 2~7.5HP

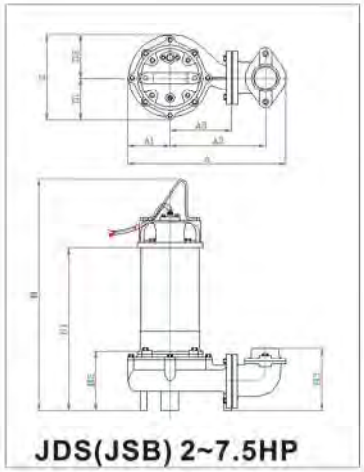
Specifications

Type	Output		Discharge	F.L.A.		Rated		Maximum		Cable	Free Passage	Weight
	HP	KW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	M	mm	kg
JDS-05	0.5	0.37	2"	4	1.2	6	150	8	320	5	35	13.2
JDS-10	1	0.75	2"	6	2	9	200	12.5	460	5	35	18
JDS-20	2	1.5	3"	11.3	3.5	10	350	17.5	650	5	45	34.7
JDS-30	3	2.2	3"	-	5.2	11	450	19.5	750	5	45	35.8
JDS-50	5	3.7	4"	-	8.6	10	800	23.5	1200	10	45	56
JDS-75	7.5	5.5	4"	-	12	12	1040	29.5	1400	10	45	62

Note1: Automatic models are available in single-phase versions.
Note2: Q.D.C. (Quick Discharge Connection) is applied in all models.

Dimension

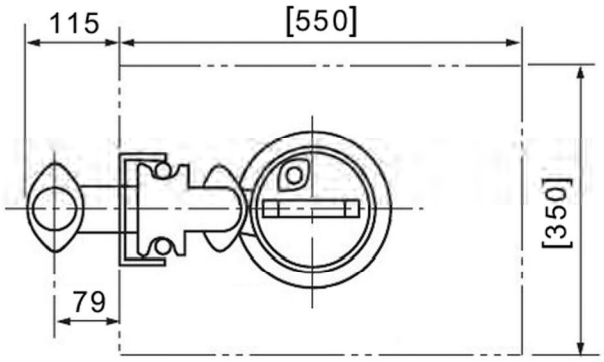

JDS(JSB) 1/3~1 HP

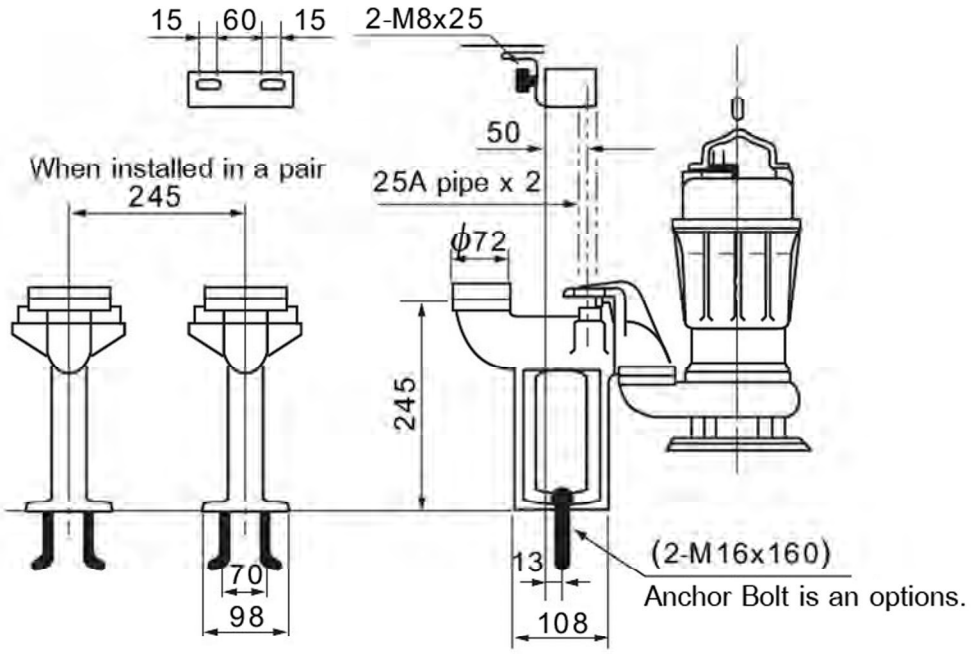

JDS(JSB) 2~7.5HP

Dimensions (mm)											
Type	A	A1	A2	A3	D	D1	D2	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	312	82	183	101	163	76	87	494	351	124	156
JDS-20	390	103	235	151	210	105	105	532	400	150	152
JDS-30	390	103	235	151	210	105	105	552	420	150	152
JDS-50	470	110	257	170	218	98	120	633	468	160	206
JDS-75	470	110	257	170	218	98	120	673	508	160	206

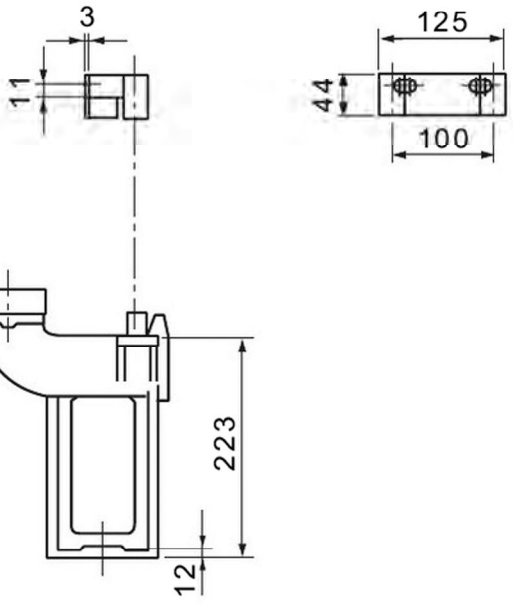
GUIDE RAIL FITTING DIMENSIONS:

A50



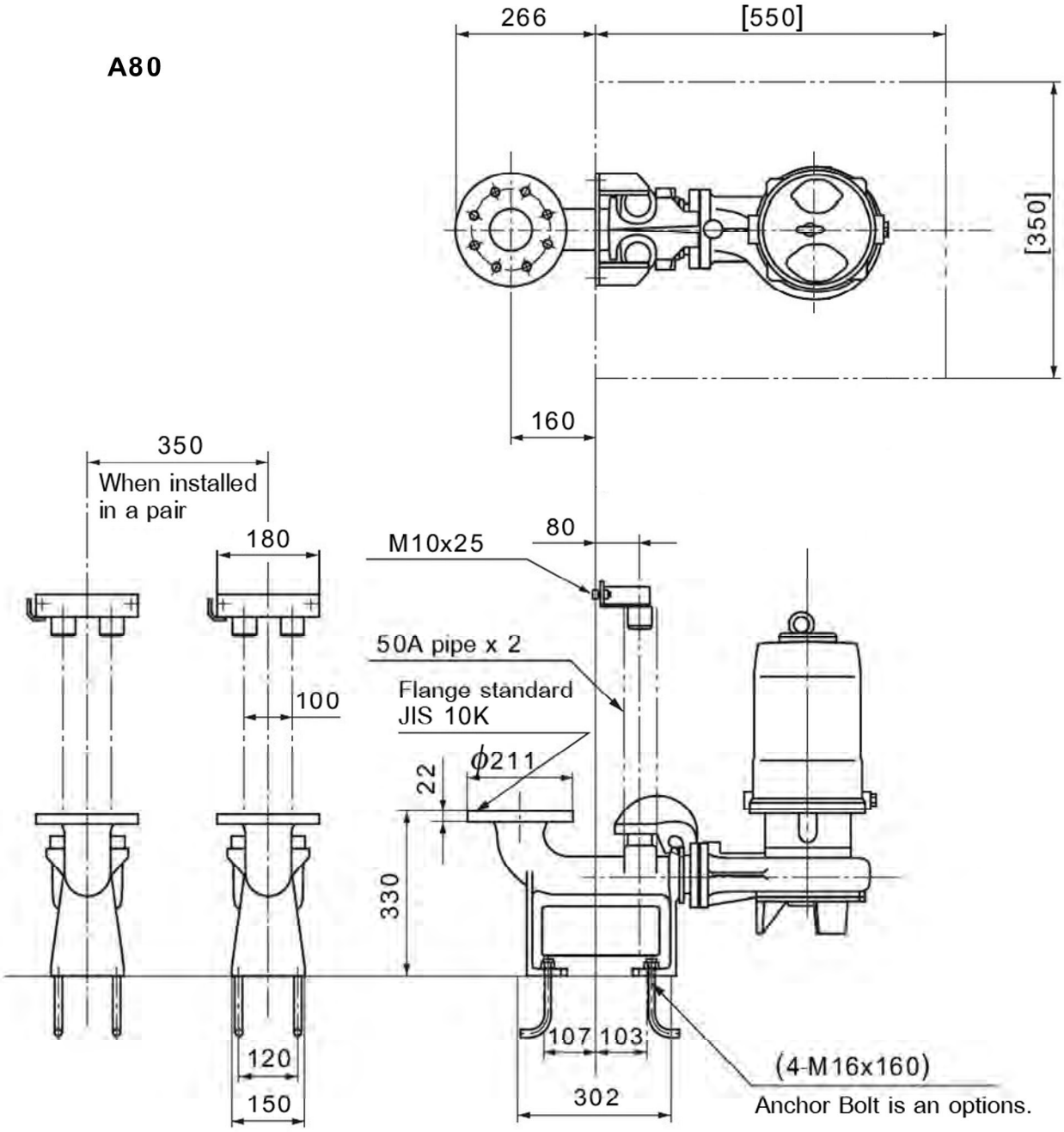


CONNECTION DIMENSIONS:

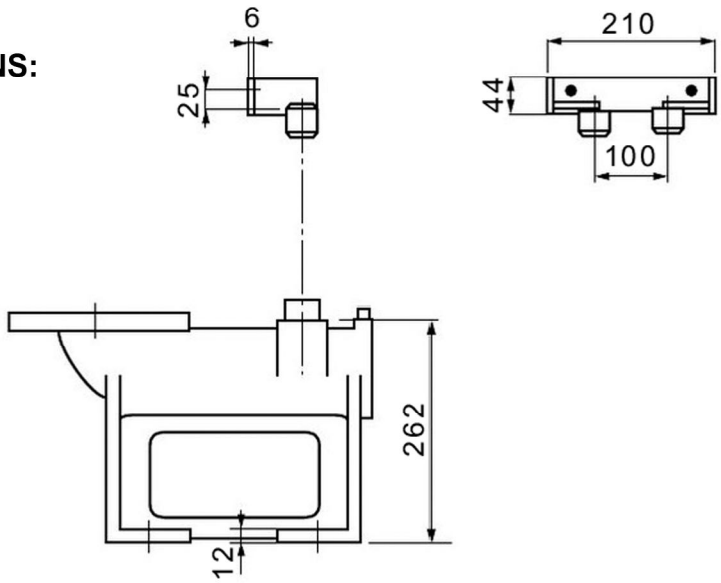


GUIDE RAIL FITTING DIMENSIONS:

A80

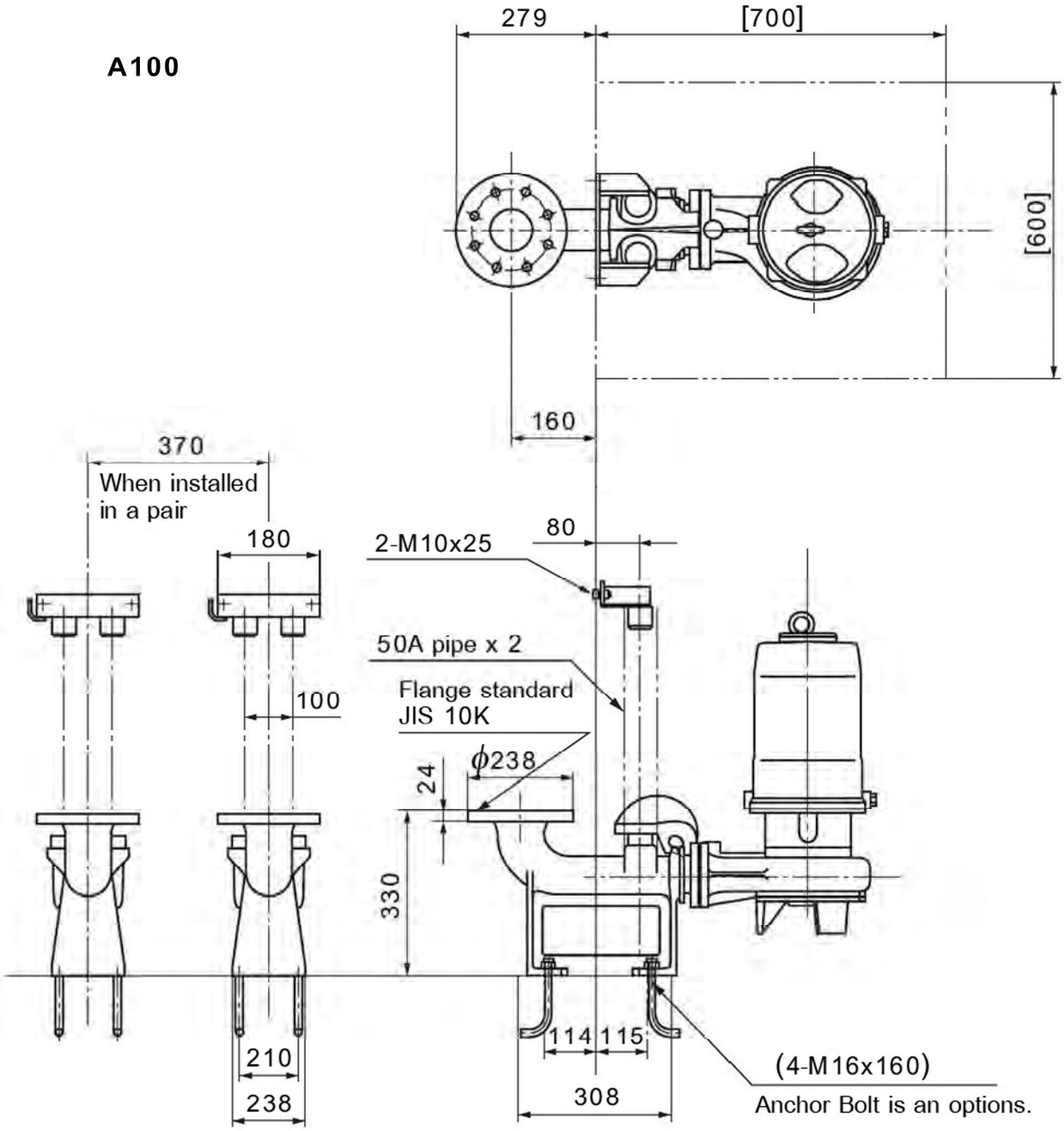


CONNECTION DIMENSIONS:



GUIDE RAIL FITTING DIMENSIONS:

A100



CONNECTION DIMENSIONS:

