

CENTRIFUGAL PUMP

EMD



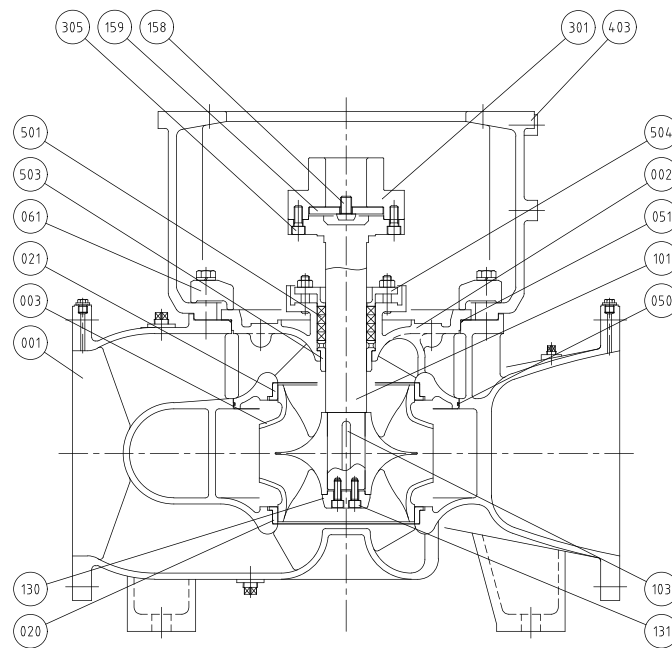
Application

Cooling Sea Water Pump
Ballast Pump
Condenser Cooling Pump

Feature

Vertical Single-stage Double-suction
Closed Coupling Type

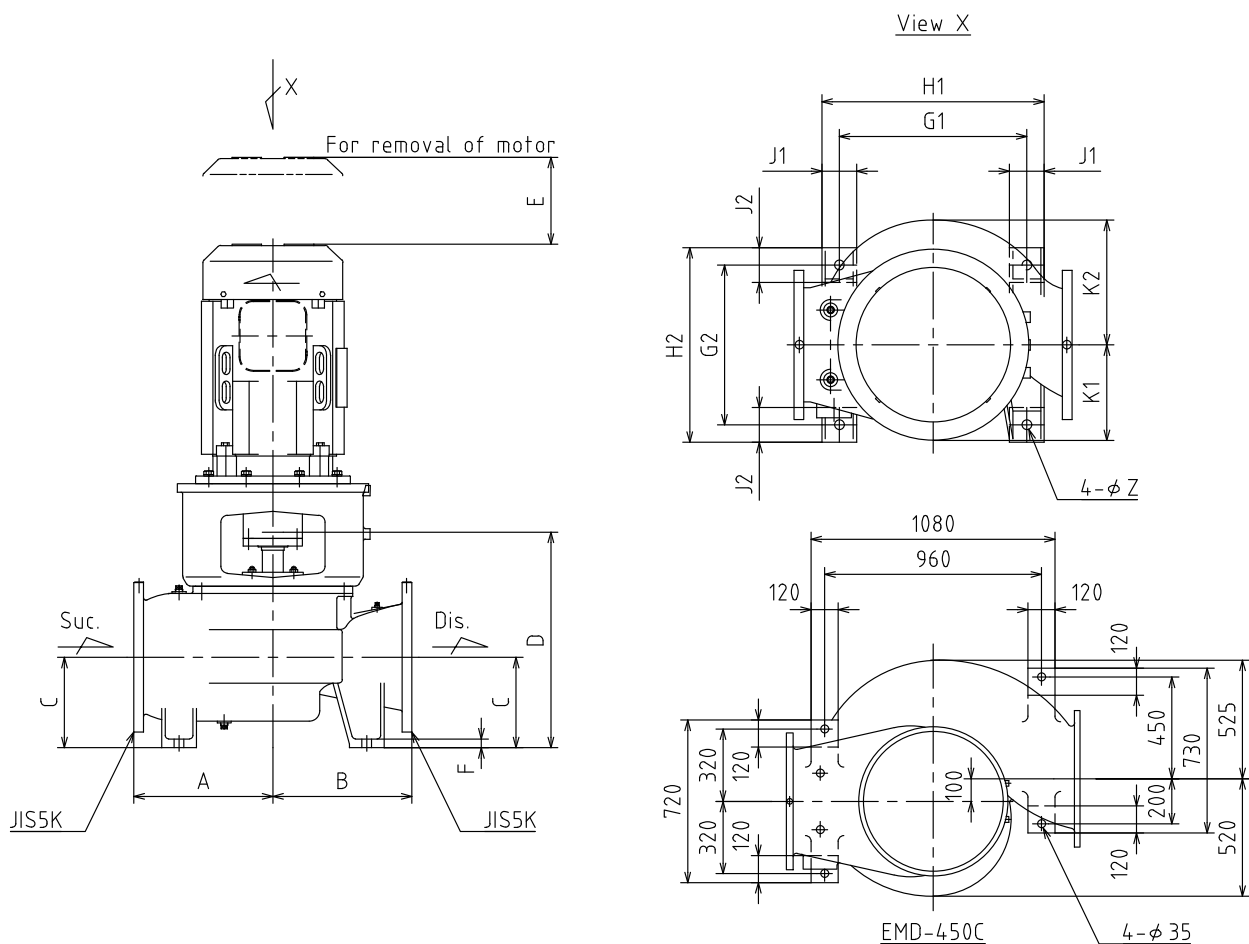
Structure & Material



Part No.	Name	Req. No.	Sea Water		Fresh Water	
			Material	JIS	Material	JIS
001	CASING	1	BRONZE	CAC402	CAST IRON	FC200
002	CASING COVER	1	BRONZE	CAC402	CAST IRON	FC200
003	IMPELLER	1	PHOSPHOR BRONZE	CAC502A	PHOSPHOR BRONZE	CAC502A
020	CASING RING	1	BRONZE	CAC402	BRONZE	CAC402
021	CASING RING	1	BRONZE	CAC402	BRONZE	CAC402
050	O-RING	1	RUBBER	NBR	RUBBER	NBR
051	O-RING	1	RUBBER	NBR	RUBBER	NBR
061	FIXING PLATE	8	DUCTILE CAST IRON	FCD400	DUCTILE CAST IRON	FCD400
101	SHAFT	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
103	KEY	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304

Part No.	Name	Req. No.	Sea Water		Fresh Water	
			Material	JIS	Material	JIS
130	HUB CUP	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
131	SCREW	2	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
158	SET SCREW	1	MILD STEEL	SS400	MILD STEEL	SS400
159	STOPPER RING	1	MILD STEEL	SS400	MILD STEEL	SS400
301	COUPLING	1	CARBON STEEL	S45C	CARBON STEEL	S45C
305	COUPLING BOLT	8	Cr-Mo STEEL	SCM435	Cr-Mo STEEL	SCM435
403	FRAME	1	CAST IRON	FC200	CAST IRON	FC200
501	GLAND PACKING	4	CARBONIZED FIBER	—	CARBONIZED FIBER	—
503	LANTERN RING	1	BRONZE	CAC402	BRONZE	CAC402
504	GLAND	1	BRONZE	CAC402	BRONZE	CAC402

Dimension



Model No.	Bore		Dimension (mm)														
	Suc.	Dis.	A	B	C	D	E	F	G1	G2	H1	H2	J1	J2	K1	K2	Z
EMD-300C	300	300	400	400	260	620	250	25	540	460	640	540	100	100	275	365	28
EMD-300ME	300	250	450	450	260	647	250	25	540	540	640	620	100	100	335	376	28
EMD-350C	350	350	500	520	290	775	250	30	600	600	720	680	120	120	330	380	35
EMD-400C	400	400	550	550	300	740	250	30	640	640	760	720	120	120	400	490	35
EMD-400MD	400	400	550	550	300	740	250	30	640	640	760	720	120	120	400	490	35
EMD-450C	450	450	650	650	400	920	250	30	—	—	—	—	—	—	—	—	—
EMD-500C (FC)	500	500	760	760	420	1020	300	35	960	800	1120	920	160	120	530	505	48
EMD-500C (BC)			750	750													