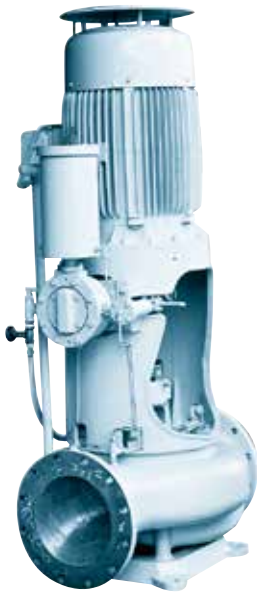


CENTRIFUGAL PUMP

ESC



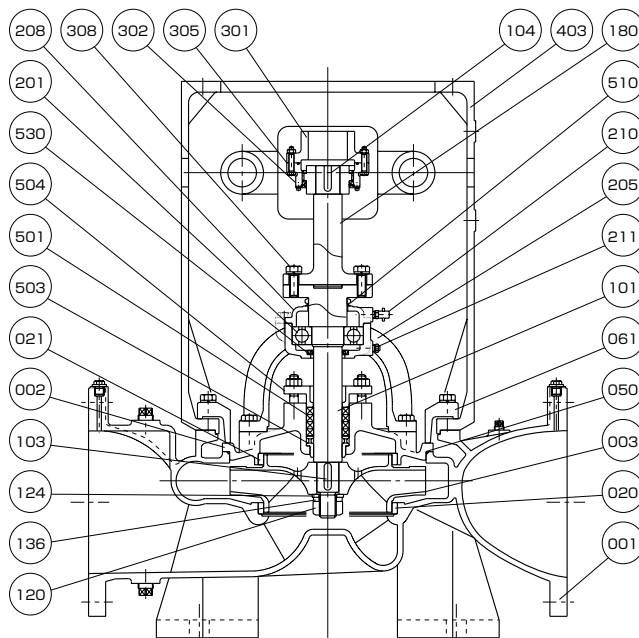
Application

Cooling Fresh Water Pump
Cooling Sea Water Pump
Sea Water Service Pump

Feature

Vertical Single-stage Single-suction
Spacer Coupling Type

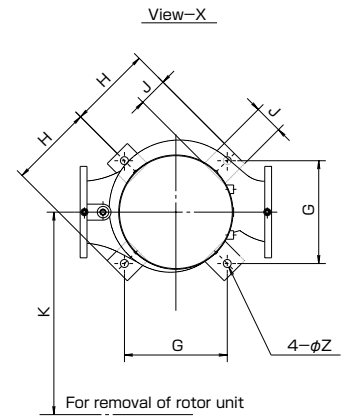
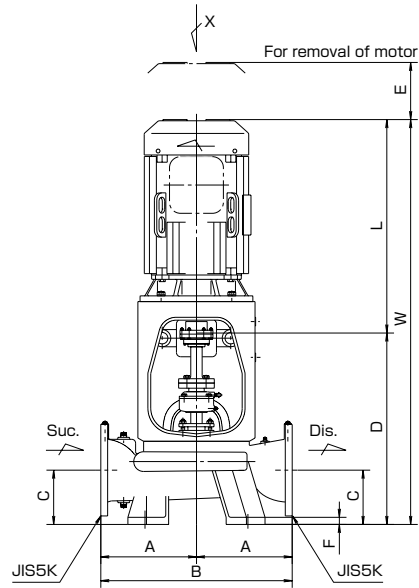
Structure & Material



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
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
104	KEY	1	CARBON STEEL	S45C	CARBON STEEL	S45C
120	IMPELLER NUT	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
124	IMPELLER WASHER	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
136	SPRING WASHER	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
180	COUPLING SPACER	1	CARBON STEEL	S45C	CARBON STEEL	S45C
201	BALL BEARING	1	BEARING STEEL	SUJ2	BEARING STEEL	SUJ2

Part No.	Name	Req. No.	Sea Water		Fresh Water	
			Material	JIS	Material	JIS
205	BEARING HOUSING	1	CAST IRON	FC200	CAST IRON	FC200
208	BEARING COVER	1	CAST IRON	FC200	CAST IRON	FC200
210	GREASE NIPPLE	1	BRASS	C3602	BRASS	C3602
211	GREASE FITTING	1	BRASS	C3602	BRASS	C3602
301	COUPLING	1	CARBON STEEL	S45C	CARBON STEEL	S45C
302	COUPLING	1	CARBON STEEL	S45C	CARBON STEEL	S45C
305	COUPLING BOLT & NUT	4	Cr-Mo STEEL	SCM435	Cr-Mo STEEL	SCM435
308	BOLT	4	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
510	V-RING	1	RUBBER	NBR	RUBBER	NBR
530	OIL SEAL	1	RUBBER	NBR	RUBBER	NBR

Dimension



Model No.	Motor		Bore		Dimension(mm)												
	kW	min ⁻¹	Suc.	Dis.	A	B	C	D	E	F	G	H	J	K	L	W	Z
ESC-100C	5.5	1800	100	100	280	560	150	612	150	25	290	240	100	600	480	1092	28
	7.5								200						595	1207	
	11								200						480	1102	
ESC-125C	7.5	1800	125	125	300	600	160	622	150	25	290	240	100	600	595	1217	28
	11								200						635	1257	
	15								200						595	1240	
ESC-150C	11	1800	150	150	315	630	160	645	200	25	360	290	100	600	635	1280	28
	15														685	1330	
	18.5														725	1370	
	22														635	1305	
	26														685	1355	
ESC-200C ESC-201C	15	1800	200	200	335	670	190	670	200	25	360	290	100	600	725	1395	28
	18.5								250						800	1470	
	22								250						685	1475	
	26								200						725	1515	
	30								250						800	1590	
ESC-250C ESC-251C	37	1800	250	250	400	800	220	790	200	25	410	325	100	700	950	1740	28
	45								250						725	1545	
	55								200						800	1620	
	65								250						950	1770	
	75								250						1050	1870	