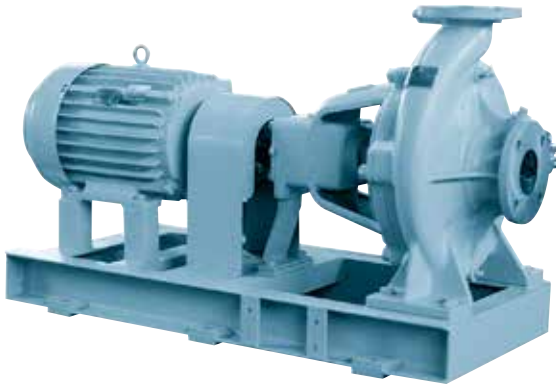


CENTRIFUGAL PUMP

EHC



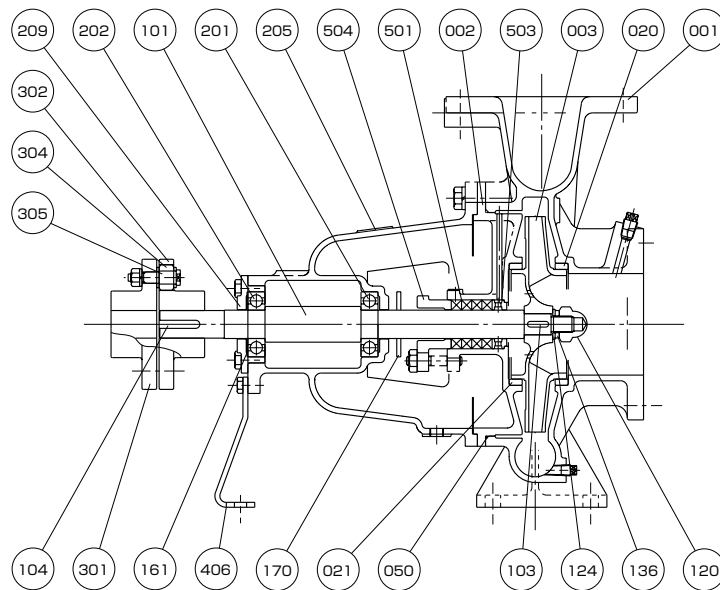
Application

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

Feature

Horizontal Single-stage Single-suction

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
101	SHAFT	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
103	IMPELLER KEY	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
104	COUPLING 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
161	RETAINING RING	1	SPRING STEEL	SUP6	SPRING STEEL	SUP6

Part No.	Name	Req. No.	Sea Water		Fresh Water	
			Material	JIS	Material	JIS
170	FLINGER	1	RUBBER	NBR	RUBBER	NBR
201	BALL BEARING	1	BEARING STEEL	SUJ2	BEARING STEEL	SUJ2
202	BALL BEARING	1	BEARING STEEL	SUJ2	BEARING STEEL	SUJ2
205	BEARING HOUSING	1	CAST IRON	FC200	CAST IRON	FC200
209	BEARING COVER	1	CAST IRON	FC200	CAST IRON	FC200
301	COUPLING	1	CAST IRON	FC200	CAST IRON	FC200
302	COUPLING	1	CAST IRON	FC200	CAST IRON	FC200
304	COUPLING RING	8	RUBBER	NBR	RUBBER	NBR
305	COUPLING BOLT & NUT	8	MILD STEEL	SS400	MILD STEEL	SS400
406	SUPPORT	1	MILD STEEL	SS400	MILD STEEL	SS400
501	GLAND PACKING	4	CARBONIZED FIBER	—	CARBONIZED FIBER	—
503	LANTERN RING	1	BRONZE	CAC402	BRONZE	CAC402
504	GLAND	4	BRONZE	CAC402	BRONZE	CAC402

Dimension

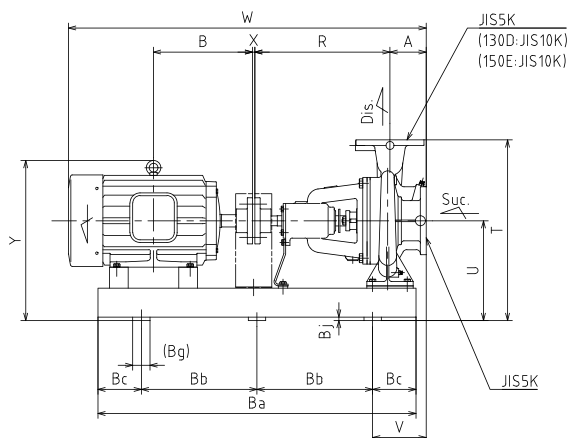


Fig.1

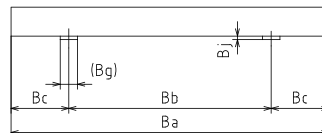
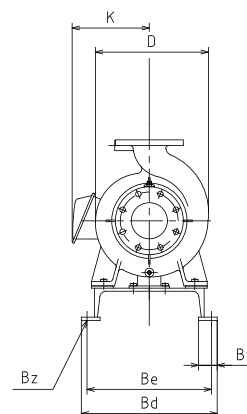


Fig.2



Model No.	Motor		Bore		Dimension(mm)																			
	kW	min ⁻¹	Suc.	Dis.	A	B	D	K	R	T	U	V	W	X	Y	Ba	Bb	Bc	Bd	Be	Bf	Bg	Bj	Bz
EHC-41A	1.5	3600	40	40	80	168.5	207	188	360	400	240	145	773.5	3	335	700	*450	125	325	290	55	50	12	4-φ15
	2.2					200		212					841		386	800	*500	150						
	3.7					168.5		188					793.5		365	700	*450	125						
EHC-51B	1.5	1800	50	50	100	193	268	197	360	450	270	165	793.5	3	365	700	*450	125	325	290	55	50	12	4-φ15
	2.2	193				197		841					375		700	*450	125							
	5.5	239				245		917					428		800	*500	150							
EHC-70B	7.5	3600	65	65	100	239	286	245	360	470	270	165	917	3	428	800	*500	150	325	290	55	50	12	4-φ15
	3.7					193		197					841		375	700	*450	125						
	11					200		212					861		416	800	*500	150						
EHC-70C	3.7	1800	65	65	100	200	338	212	360	515	290	165	3	436	800	*500	150	390	350	65	60	12	4-φ19	
	5.5					239		245				917		448	900	*550	175							
	7.5					258		245				956		448	900	*550	175							
EHC-81B	3.7	1800	80	80	100	200	326	212	360	515	290	165	3	436	800	*500	150	390	350	65	60	12	4-φ15	
	5.5					239		245				917		448	900	*550	175							
	7.5					258		245				956		448	900	*550	175							
EHC-81C	15	3600	80	80	100	323	364	285	470	570	320	165	3	520	1000	*700	150	470	430	65	60	12	4-φ19	
	18.5					345		330				1071		560	1000	*700	150							
	22					351.5		330				1113		560	1000	*700	150							
EHC-81D	7.5	1800	80	80	100	258	364	245	470	570	320	160	3	478	1000	350	150	470	430	65	60	12	6-φ19	
	11					323		285				1181		550	1100	400	150							
	11					323		285				1181		550	1100	400	150							
EHC-101D	11	1800	100	100	125	323	413	285	470	685	370	185	1206	3	600	1100	400	150	470	430	65	60	12	6-φ19
	15					345		285					1248		600	1100	400	150						
	18.5					351.5		330					1259.5		630	1000	350	150						
EHC-130C	7.5	1800	125	125	125	258	390	245	470	625	345	185	1091	3	503	1000	350	150	470	430	65	60	12	6-φ19
	11					323		285					1206		575	1100	400	150						
	15					345		285					1248		575	1100	400	150						
EHC-130D	15	1800	125	100	140	345	440	285	575	685	370	200	1368	3	600	1200	450	150	470	430	65	60	12	6-φ19
	18.5					351.5		330					1379.5		630	1200	450	150						
	22					370.5		330					1418.5		630	1200	450	150						
EHC-151C	30	1800	150	150	140	323	427	285	470	625	345	200	1221	3	575	1100	400	150	470	430	65	60	12	6-φ19
	15					345		330					1263		605	1100	400	150						
	18.5					351.5		330					1274.5		605	1100	400	150						
EHC-150E	30	1800	150	125	140	370.5	576	330	530	865	465	170	1373.5	3	725	1300	500	150	550	500	65	60	25	6-φ24
	37					425.5		345					1454.5		740	1300	500	150						
	37					425.5		345					1454.5		740	1300	500	150						
EHC-201B	15	1800	200	200	140	345	450	285	470	685	370	200	1263	3	600	1100	400	150	470	430	65	60	12	6-φ19
	18.5					351.5		330					1274.5		630	1100	400	150						
	18.5					351.5		330					1274.5		630	1100	400	150						
EHC-201C	22	1800	200	200	140	351.5	475	330	470	725	370	200	1274.5	3	630	1100	400	150	470	430	65	60	12	6-φ19
	30					370.5		330					1313.5		630	1100	400	150						
	30					370.5		330					1313.5		630	1100	400	150						