

CENTRIFUGAL PUMP

TMC(TMV)



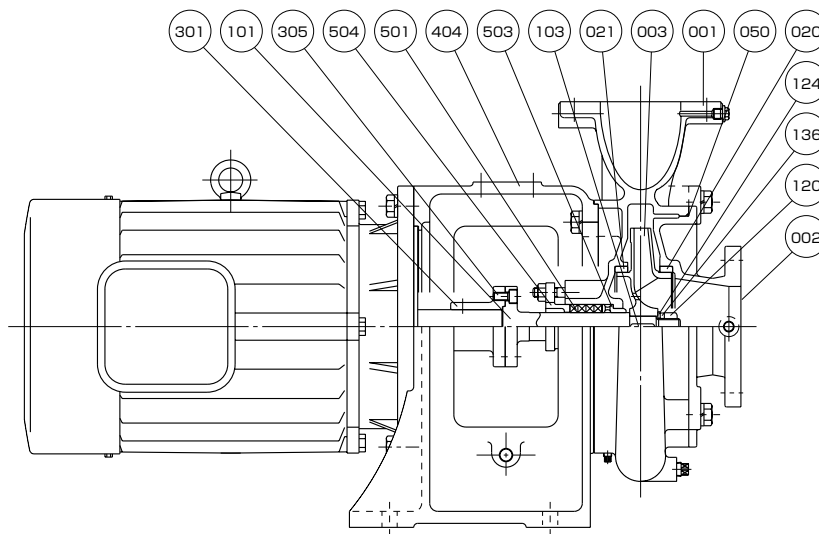
Application

Cooling Fresh Water Pump
Cooling Sea Water Pump
Sea Water Service Pump
Fresh Water Pump
Sanitary Pump
Drinking Water Pump

Feature

Horizontal Single-stage Single-suction
Closed Coupling Type

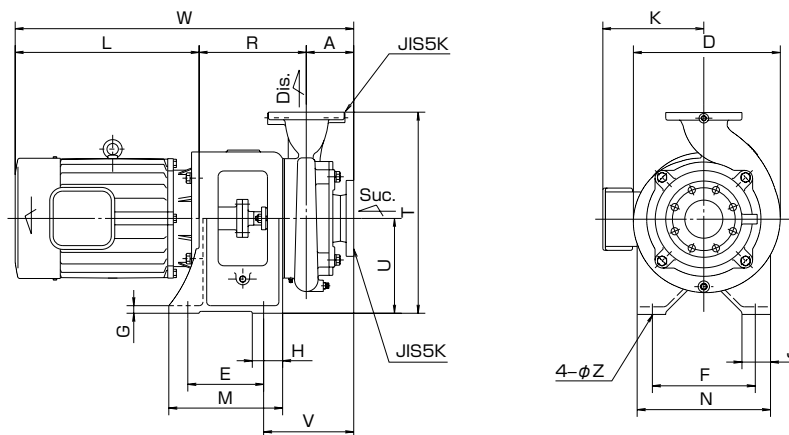
Structure & Material



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
101	SHAFT	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
103	IMPELLER KEY	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
120	IMPELLER NUT	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304

Part No.	Name	Req. No.	Sea Water		Fresh Water	
			Material	JIS	Material	JIS
124	IMPELLER WASHER	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
136	SPRING WASHER	1	STAINLESS STEEL	SUS304	STAINLESS STEEL	SUS304
301	COUPLING	1	MILD STEEL	SS400	MILD STEEL	SS400
305	COUPLING BOLT	4	Cr-Mo STEEL	SCM435	Cr-Mo STEEL	SCM435
404	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.	Motor		Bore		Dimension(mm)																					
	kW	min ⁻¹	Suc.	Dis.	A	D	E	F	G	H	J	K	L	M	N	R	T	U	V	W	Z					
TMC-32	0.4	1800	32	32	82	270	120	160	15	50	65	166	230	180	220	150	280	140	156	462	12					
	0.75											173	260			160						502				
	0.75											188	302			170						554				
	1.5	3600				285	140	190				212	368	200	250	180	300	160		630						
	2.2											245	375			200				657						
	3.7											188	302			175				557						
	5.5											212	368			185				633						
TMC-40A	1.5	3600	40	40	80	205	140	190	15	50	65	188	302	200	250	175	320	160	160	557	12					
2.2	212											368	185			633										
3.7	188											302	175			627										
TMC-50B	2.2	1800	50	50	100	265	150	220	15	80	65	188	302	250	280	215	370	190	205	653	15					
	3.7						180		18			197	328			212				368		225	693			
	5.5						200		270			245	375			300				330		245	390	210	720	
	7.5	3600					205	330	245			390	210	720												
	2.2														205	330	245	390		210		720				
TMC-65B	3.7	1800	65	65	100	285	180	220	18	80	65	205	330	280	280	227	390	190	207	657	15					
	5.5						215					355	280			280				247		410	210	682		
	7.5						265					400	300			330				247		410	210	747		
TMC-65C	3.7	1800	65	65	100	335	180	220	18	80	65	215	355	280	280	227	415	190	207	682	15					
	5.5						200					270	265			400				300		330	247	435	210	747
	7.5						180					220	215			355				280		280	232	415	190	687
TMC-80B	3.7	1800	80	80	100	325	180	220	18	80	65	215	355	280	280	232	415	190	212	687	15					
	5.5						200					270	265			400				300		330	252	435	210	752
	7.5						180					220	215			355				280		280	232	415	190	687
TMC-80C	5.5	1800	80	80	100	365	200	270	18	80	75	265	400	300	350	252	500	250	212	752	19					
	7.5								20			285	485			282				867						
	11								18			80	75			265				400		260	785			
TMC-80D	7.5	1800	80	80	125	405	200	270	18	80	75	265	400	300	350	260	530	250	245	785	19					
	11								20			285	485			290				900						
	5.5								18			80	75			265				400		253	778			
TMC-100C TMC-100CX	7.5	1800	100	100	125	385	200	270	18	80	75	265	400	300	350	253	530	250	238	778	19					
	11								20			285	485			283				893						
	15								285			525	283			933										
TMC-100D	11	1800	100	100	125	405	200	270	20	80	75	285	525	300	350	290	565	250	245	940	19					
	15											330	575			318				1018						
	18.5											265	400			265				805						
TMC-125C	7.5	1800	125	125	140	420	200	270	18	80	75	265	400	300	350	265	530	250	265	805	19					
	11								20			285	485			295				920						
	15								285			525	295			960										
	18.5								330			575	323			1038										