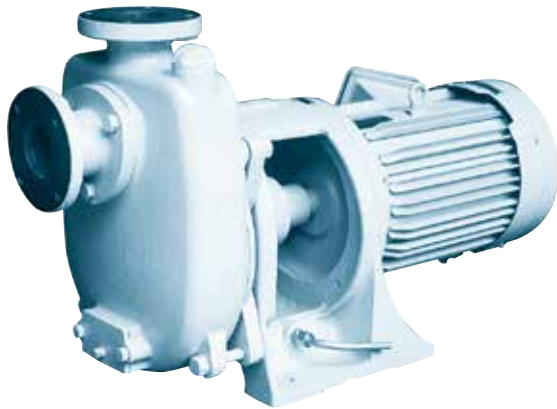


CENTRIFUGAL PUMP TMS



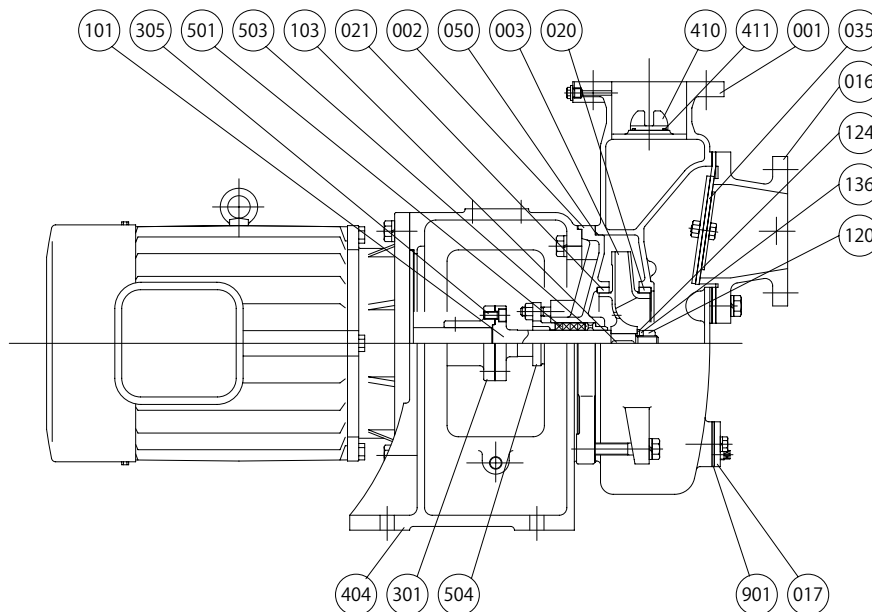
Application

Fire & G.S. Pump
Bilge & Ballast Pump
Fresh Water Pump
Sanitary Pump
Drinking Water Pump

Feature

Horizontal Single-stage Single-suction
Self-priming Closed Coupling Type

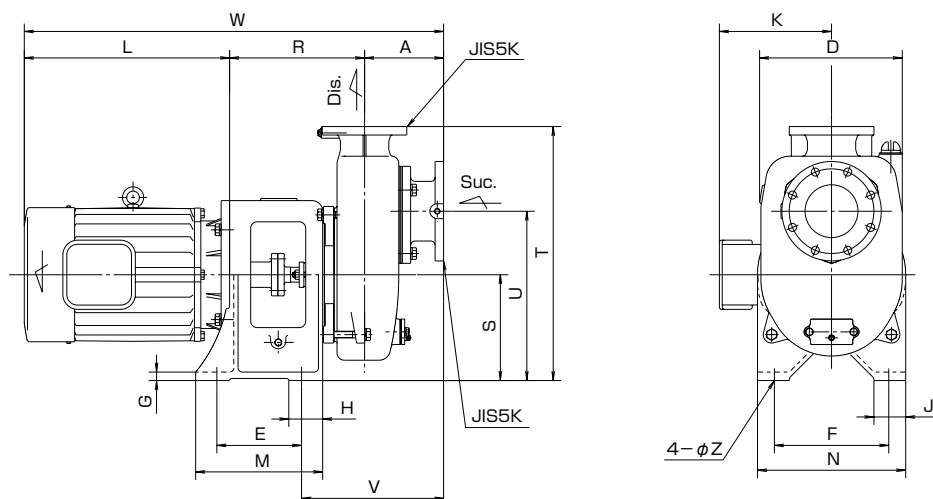
Structure & Material



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
016	SUCTION COVER	1	BRONZE	CAC402	CAST IRON	FC200
017	DRAIN COVER	1	BRONZE	CAC402	CAST IRON	FC200
020	CASING RING	1	BRONZE	CAC402	BRONZE	CAC402
021	CASING RING	1	BRONZE	CAC402	BRONZE	CAC402
035	CHECK VALVE	1	RUBBER / BRONZE	— / CAC402	RUBBER / 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	PUMP FRAME	1	CAST IRON	FC200	CAST IRON	FC200
410	PRIMING CAP	1	BRONZE	CAC402	BRONZE	CAC402
411	O-RING	1	RUBBER	NBR	RUBBER	NBR
501	GLAND PACKING	4	CARBONIZED FIBER	—	CARBONIZED FIBER	—
503	LANTERN RING	1	BRONZE	CAC402	BRONZE	CAC402
504	GLAND	1	BRONZE	CAC402	BRONZE	CAC402
901	GASKET	1	RUBBER	NBR	RUBBER	NBR

Dimension



Model No.	Motor		Bore		Dimension (mm)																		
	kW	min ⁻¹	Suc.	Dis.	A	D	E	F	G	H	J	K	L	M	N	R	S	T	U	V	W	Z	
TMS-40A	1.5	3600	40	40	125	200	140	190	15	50	65	195	300	200	250	196	160	360	260	225	621	12	
	2.2											205	330			206					651		
	3.7											212	368			240					699		
TMS-50B	1.5	1800	50	50	150	270	150	220	15	80	65	195	300	250	280	240	190	455	315	280	690	15	
	2.2						180					205	330			730							
	3.7	3600					200	270	18	80	65	212	368			270					210		475
	5.5						265	375				300	330	270	210		475	335	795				
	2.2						1800	65				65	150	275	180		220	18	80	65			
3.7	3600	200	270	215	355	280	280	260	190	480	330	765											
TMS-65B	7.5	3600	200	270	18	80	65	265	400	300	330	280	210	475	335	290	830	15					
	3.7	180	220	215				355	280	280	260	190	480	330	765								
	5.5	1800	65	65				150	325	180	220	18	80	65	215		355		280	280	260	190	480
7.5	3600	200	270	265	400	300	330	280	210	500	350				830								
TMS-80B	3.7	1800	80	80	165	305	180	220	18	80	65	215	355	280	280	270	190	480	315	315	790	15	
TMS-80C	5.5	1800	80	80	165	340	200	270	18	80	75	265	400	300	350	290	250	600	400	315	855	19	
	7.5								20			285	485			320					970		
	11																						20
TMS-80D	11	1800	80	80	165	480	200	270	20	80	75	285	485	300	350	335	250	625	425	330	985	19	
TMS-100C	7.5	1800	100	100	185	340	200	270	18	80	75	265	400	300	350	290	250	600	400	335	875	19	
	11								20			285	485			525					1030		
	15																						20
TMS-100D	15	1800	100	100	165	480	200	270	20	80	75	285	525	300	350	335	250	625	425	330	1025	19	
TMS-125C	7.5	1800	125	125	210	365	200	270	18	80	75	265	400	300	350	305	250	625	425	380	915	19	
	11								20			285	485			525					1030		
	15																						20