

CLOSE COUPLED STAINLESS STEEL MAGNET DRIVE PUMP

TYPE MTFO

Motor Output
Max.22kW

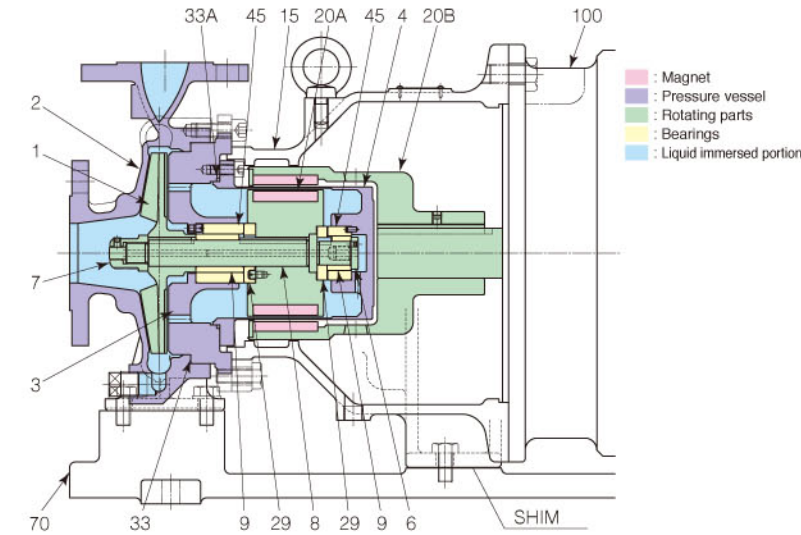
[PUMP TYPE IDENTIFICATION]

MTFO 40 x 25 - 160 W

- ① PUMP TYPE ... MTFO
- ② SUCTION BORE ... 40 ~ 100 (mm)
- ③ DISCHARGE BORE ... 25 ~ 80 (mm)
- ④ IMPELLER NOMINAL DIAMETER ... 160, 200, 250
- ⑤ DRIVE UNIT TYPE ... TYPE-W

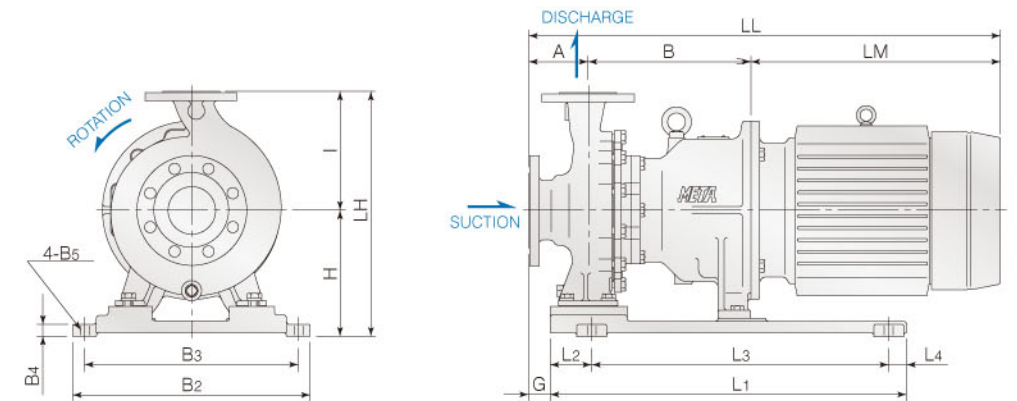


Construction and materials



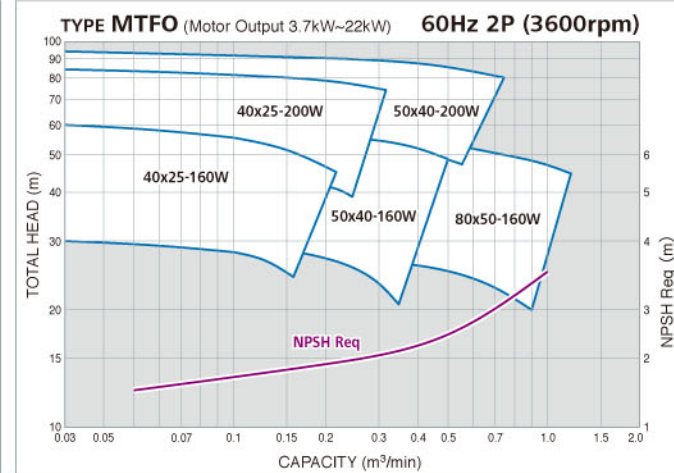
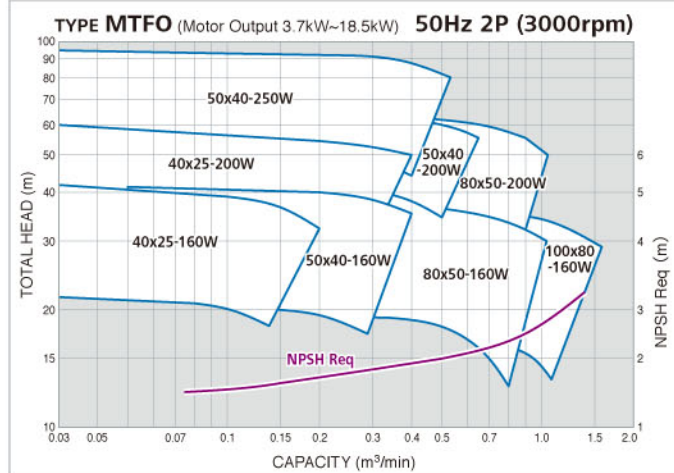
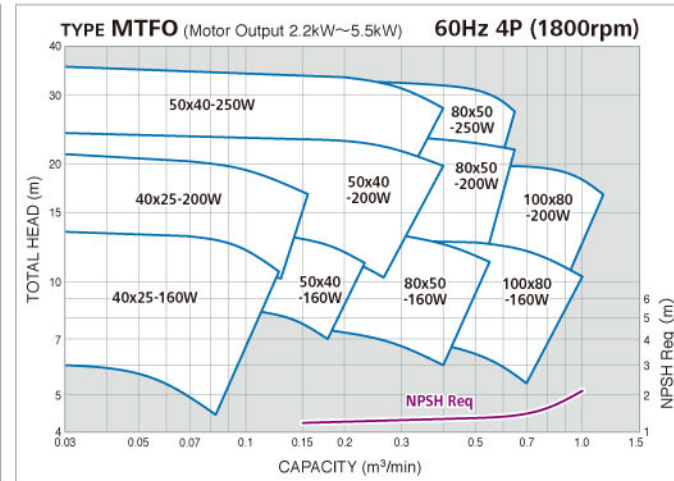
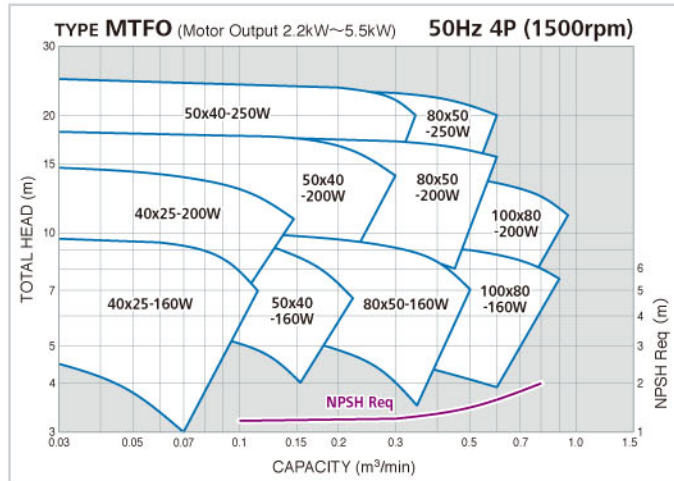
MARK	NAME OF PART	MAT'L	No.REQ'D
100	MOTOR	-	1
70	BASE PLATE	FC200	1
45	BUSHING	SiC	1+1
33A	O RING	PTFE	1
33	GASKET	PTFE	1
29	THRUST RING	SiC	1+1
20B	MAGNET COUPLING(M)	FCD400	1
20A	MAGNET COUPLING(P)	304SS or 316SS	1
15	FRAME ADAPTER	FC200	1
9	SLEEVE	SiC	1+1
8	INNER MAGNET SHAFT	304SS or 316SS	1
7	IMPELLER NUT	304SS or 316SS	1
6	SLEEVE BOLT	304SS or 316SS	1
4	REAR CASING	304SS or 316SS	1
3	CASING COVER	304SS or 316SS	1
2	CASING	304SS or 316SS	1
1	IMPELLER	304SS or 316SS	1

Outline dimension



(In the unit of mm)

Selection charts



PUMP SIZE	MOTOR FRAME	PUMP							BASE PLATE & MOTOR							MASS APPROX(kg)				
		A	B	I	H	LH	G	L1	L2	L3	L4	B2	B3	B4	B5	LM	LL	PUMP	MOTOR	TOTAL
40x25-160W	112M	80	238	150	210	360	0	600	70	500	30	400	360	20	φ15	355	673	59	40	99
	132S,132M	80	258	150	210	360	0	600	70	500	30	400	360	20	φ15	400	738	66	80	146
	160M,160L	80	288	150	210	360	0	600	70	500	30	400	360	20	φ15	485	853	73	110	183
	180M,180L	80	288	150	235	385	0	660	70	550	40	420	370	22	φ19	575	943	76	195	271
40x25-200W	112M	80	238	180	210	390	0	600	70	500	30	400	360	20	φ15	355	673	64	40	104
	132S,132M	80	258	180	210	390	0	600	70	500	30	400	360	20	φ15	400	738	71	80	151
	160M,160L	80	288	180	210	390	0	600	70	500	30	400	360	20	φ15	485	853	78	110	188
	180M,180L	80	288	180	235	415	0	660	70	550	40	420	370	22	φ19	575	943	81	195	276
50x40-160W	112M	80	238	160	210	370	0	600	70	500	30	400	360	20	φ15	355	673	62	40	102
	132S,132M	80	258	160	210	370	0	600	70	500	30	400	360	20	φ15	400	738	70	80	150
	160M,160L	80	288	160	210	370	0	600	70	500	30	400	360	20	φ15	485	853	77	110	187
	180M,180L	80	288	160	235	395	0	660	70	550	40	420	370	22	φ19	575	943	80	195	275
50x40-200W	112M	80	238	180	210	390	0	600	70	500	30	400	360	20	φ15	355	673	67	40	107
	132S,132M	80	258	180	210	390	0	600	70	500	30	400	360	20	φ15	400	738	75	80	155
	160M,160L	80	288	180	210	390	0	600	70	500	30	400	360	20	φ15	485	853	81	110	191
	180M,180L	80	288	180	235	415	0	660	70	550	40	420	370	22	φ19	575	943	84	195	279
50x40-250W	112M	100	254	225	210	435	36	600	70	500	30	400	360	20	φ15	355	709	86	40	126
	132S,132M	100	274	225	210	435	36	600	70	500	30	400	360	20	φ15	400	774	94	80	174
	160M,160L	100	304	225	210	435	36	600	70	500	30	400	360	20	φ15	485	889	100	110	210
	180M,180L	100	304	225	235	460	36	660	70	550	40	420	370	22	φ19	575	979	103	195	298
80x50-160W	112M	100	238	180	210	390	20	600	70	500	30	400	360	20	φ15	355	693	66	40	106
	132S,132M	100	258	180	210	390	20	600	70	500	30	400	360	20	φ15	400	758	74	80	154
	160M,160L	100	288	180	210	390	20	600	70	500	30	400	360	20	φ15	485	873	81	110	191
	180M,180L	100	288	180	235	415	20	660	70	550	40	420	370	22	φ19	575	963	84	195	279
80x50-200W	112M	100	254	200	210	410	36	600	70	500	30	400	360	20	φ15	355	709	75	40	115
	132S,132M	100	274	200	210	410	36	600	70	500	30	400	360	20	φ15	400	774	82	80	162
	160M,160L	100	304	200	210	410	36	600	70	500	30	400	360	20	φ15	485	889	89	110	199
	180M,180L	100	304	200	235	435	36	660	70	550	40	420	370	22	φ19	575	979	92	195	287
80x50-250W	112M	125	254	225	210	435	61	600	70	500	30	400	360	20	φ15	355	734	90	40	130
	132S,132M	125	274	225	210	435	61	600	70	500	30	400	360	20	φ15	400	799	98	80	178
	160M,160L	125	304	225	210	435	61	600	70	500	30	400	360	20	φ15	485	914	104	110	214
	180M,180L	125	304	225	235	460	61	660	70	550	40	420	370	22	φ19	575	1004	107	195	302
100x80-160W	112M	100	254	200	210	410	36	600	70	500	30	400	360	20	φ15	355	709	80	40	120
	132S,132M	100	274	200	210	410	36	600	70	500	30	400	360	20	φ15	400	774	88	80	168
	160M,160L	100	304	200	210	410	36	600	70	500	30	400	360	20	φ15	485	889	95	110	205
	180M,180L	100	304	200	235	435	36	660	70	550	40	420	370	22	φ19	575	979	98	195	293
100x80-200W	112M	100	254	225	210	435	36	600	70	500	30	400	360	20	φ15	355	709	79	40	119
	132S,132M	100	274	225	210	435	36	600	70	500	30	400	360	20	φ15	400	774	87	80	167
	160M,160L	100	304	225	210	435	36	600	70	500	30	400	360	20	φ15	485	889	93	110	203
	180M,180L	100	304	225	235	460	36	660	70	550	40	420	370	22	φ19	575	979	96	195	291