

CLOSE COUPLED
STAINLESS STEEL MAGNETIC DRIVE PUMP

TYPE MTFO

Motor Output
Max.22kW

[PUMP TYPE IDENTIFICATION]

MTFO 40 x 25 - 160 W

①

②

③

④

⑤

① PUMP TYPE

② SUCTION BORE

③ DISCHARGE BORE

④ IMPELLER NOMINAL DIAMETER

⑤ DRIVE UNIT TYPE

... MTFO

... 40 ~ 100 (mm)

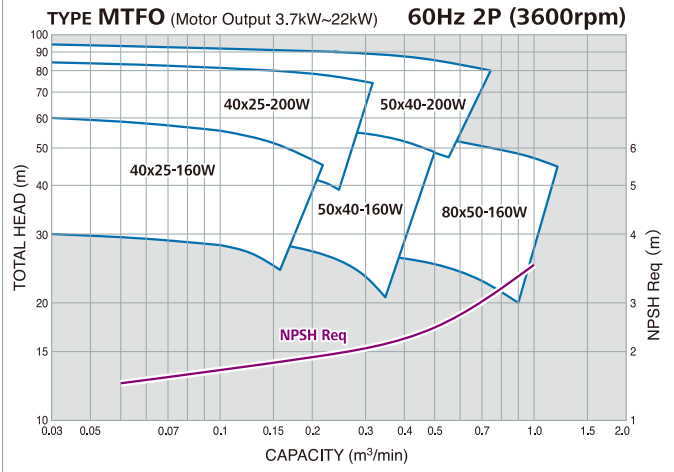
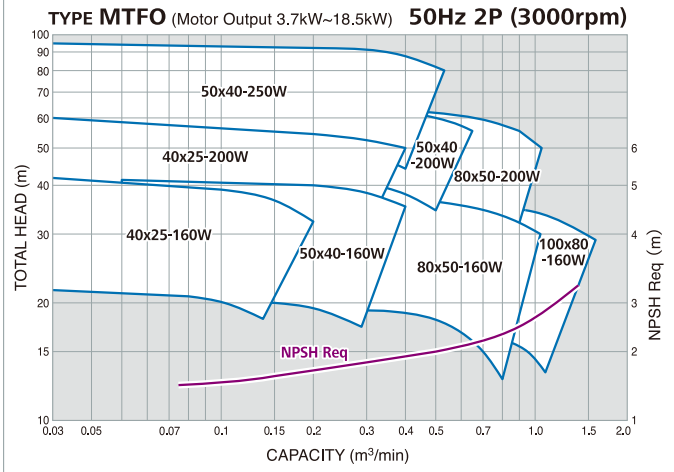
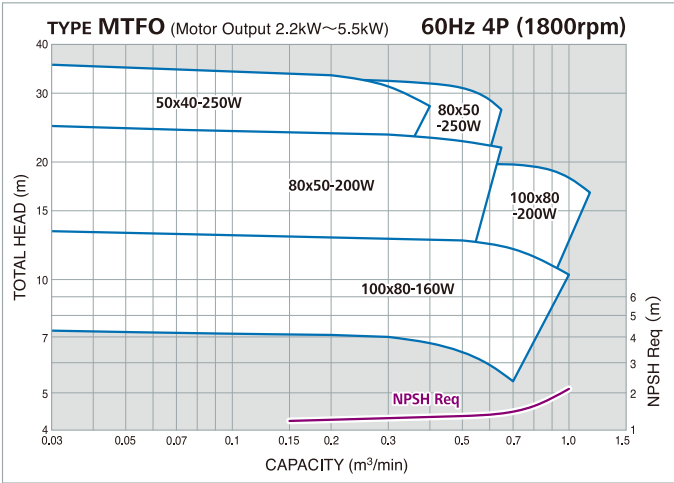
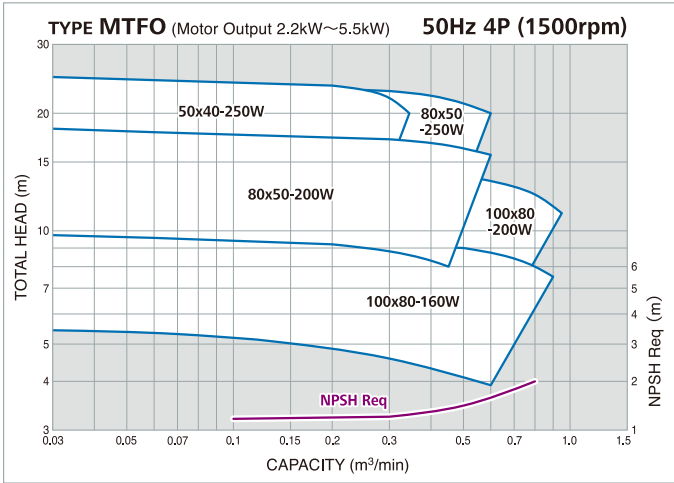
... 25 ~ 80 (mm)

... 160, 200, 250

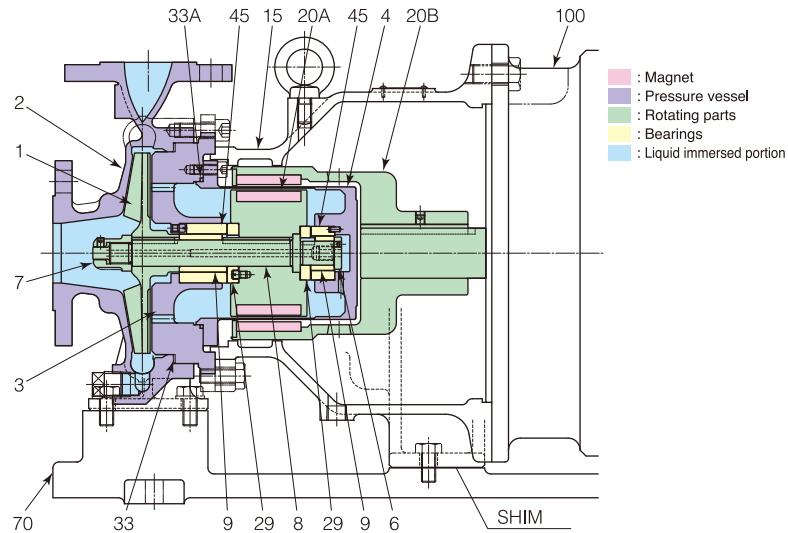
... TYPE-W



Selection charts

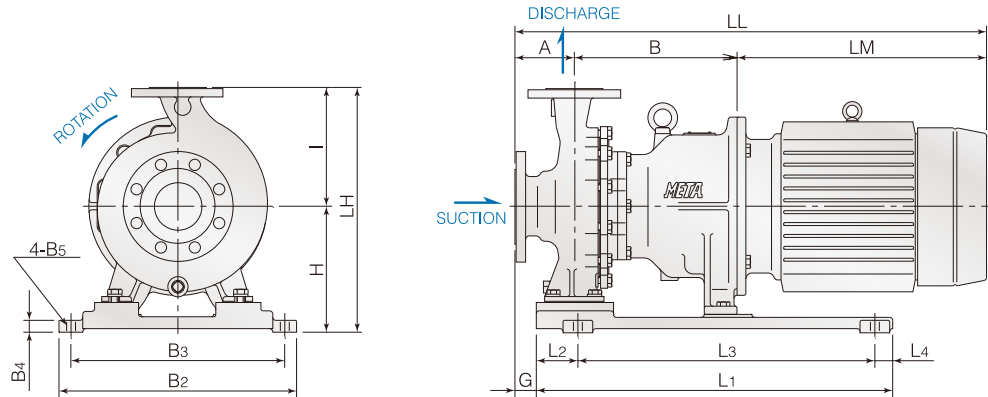


Construction and materials



MARK	NAME OF PART	MAT'L	No.REQ'D
100	MOTOR	—	1
70	BASE PLATE	CAST IRON or STEEL	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)	CAST IRON	1
20A	MAGNET COUPLING(P)	304SS or 316SS	1
15	FRAME ADAPTER	CAST IRON	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)

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	326	644	59	36	95
	132S,132M	80	258	150	210	360	0	600	70	500	30	400	360	20	φ15	369.5	707.5	66	63	129
	160M,160L	80	288	150	210	360	0	600	70	500	30	400	360	20	φ15	503	871	73	109	182
	180M,180L	80	288	150	310	460	0	660	60	550	50	410	360	16	φ20	528.5	896.5	79	205	284
40x25~200W	112M	80	238	180	210	390	0	600	70	500	30	400	360	20	φ15	326	644	64	36	100
	132S,132M	80	258	180	210	390	0	600	70	500	30	400	360	20	φ15	369.5	707.5	71	63	134
	160M,160L	80	288	180	210	390	0	600	70	500	30	400	360	20	φ15	503	871	78	109	187
	180M,180L	80	288	180	310	490	0	660	60	550	50	410	360	16	φ20	528.5	896.5	86	205	291
50x40~160W	112M	80	238	160	210	370	0	600	70	500	30	400	360	20	φ15	326	644	62	36	98
	132S,132M	80	258	160	210	370	0	600	70	500	30	400	360	20	φ15	369.5	707.5	70	63	133
	160M,160L	80	288	160	210	370	0	600	70	500	30	400	360	20	φ15	503	871	77	109	186
	180M,180L	80	288	160	310	470	0	660	60	550	50	410	360	16	φ20	528.5	896.5	83	205	288
50x40~200W	112M	80	238	180	210	390	0	600	70	500	30	400	360	20	φ15	326	644	67	36	103
	132S,132M	80	258	180	210	390	0	600	70	500	30	400	360	20	φ15	369.5	707.5	75	63	138
	160M,160L	80	288	180	210	390	0	600	70	500	30	400	360	20	φ15	503	871	81	109	190
	180M,180L	80	288	180	310	490	0	660	60	550	50	410	360	16	φ20	528.5	896.5	89	205	294
50x40~250W	112M	100	254	225	210	435	36	600	70	500	30	400	360	20	φ15	326	680	86	36	122
	132S,132M	100	274	225	210	435	36	600	70	500	30	400	360	20	φ15	369.5	743.5	94	63	157
	160M,160L	100	304	225	210	435	36	600	70	500	30	400	360	20	φ15	503	907	100	109	209
	180M,180L	100	304	225	310	535	36	660	60	550	50	410	360	16	φ20	528.5	932.5	108	205	313
80x50~160W	112M	100	238	180	210	390	20	600	70	500	30	400	360	20	φ15	326	664	66	36	102
	132S,132M	100	258	180	210	390	20	600	70	500	30	400	360	20	φ15	369.5	727.5	74	63	137
	160M,160L	100	288	180	210	390	20	600	70	500	30	400	360	20	φ15	503	891	81	109	190
	180M,180L	100	288	180	310	490	20	660	60	550	50	410	360	16	φ20	528.5	916.5	89	205	294
80x50~200W	112M	100	254	200	210	410	36	600	70	500	30	400	360	20	φ15	326	680	75	36	111
	132S,132M	100	274	200	210	410	36	600	70	500	30	400	360	20	φ15	369.5	743.5	82	63	145
	160M,160L	100	304	200	210	410	36	600	70	500	30	400	360	20	φ15	503	907	89	109	198
	180M,180L	100	304	200	310	510	36	660	60	550	50	410	360	16	φ20	528.5	932.5	97	205	302
80x50~250W	112M	125	254	225	210	435	61	600	70	500	30	400	360	20	φ15	326	705	90	36	126
	132S,132M	125	274	225	210	435	61	600	70	500	30	400	360	20	φ15	369.5	768.5	98	63	161
	160M,160L	125	304	225	210	435	61	600	70	500	30	400	360	20	φ15	503	932	104	109	213
	180M,180L	125	304	225	310	535	61	660	60	550	50	410	360	16	φ20	528.5	957.5	112	205	317
100x80~160W	112M	100	254	200	210	410	36	600	70	500	30	400	360	20	φ15	326	680	80	36	116
	132S,132M	100	274	200	210	410	36	600	70	500	30	400	360	20	φ15	369.5	743.5	88	63	151
	160M,160L	100	304	200	210	410	36	600	70	500	30	400	360	20	φ15	503	907	95	109	204
	180M,180L	100	304	200	310	510	36	660	60	550	50	410	360	16	φ20	528.5	932.5	103	205	308
100x80~200W	112M	100	254	225	210	435	36	600	70	500	30	400	360	20	φ15	326	680	79	36	115
	132S,132M	100	274	225	210	435	36	600	70	500	30	400	360	20	φ15	369.5	743.5	87	63	150
	160M,160L	100	304	225	210	435	36	600	70	500	30	400	360	20	φ15	503	907	93	109	202
	180M,180L	100	304	225	310	535	36	660	60	550	50	410	360	16	φ20	528.5	932.5	101	205	306