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**Lubi**

# DIGITAL AC SERVO MOTOR & DRIVER

## MINAS A6



**PRICE LIST - 2022**

# Minas A6 Servo Motor

**M S M F 5 A Z L 1 A 1 \*** ——— Special Specifications

① ② ③ ④ ⑤ ⑥ ⑦

### ① Type

Symbol	Type
MSM	Low inertia (50 W to 5,0 kW)
MQM	Middle inertia (100 W to 400 W)
MDM	Middle inertia (1,0 kW to 22,0 kW)
MGM	Middle inertia (0,85 kW to 5,5 kW)
MHM	High inertia (50 W to 7,5 kW)

### ② Series

Symbol	Series name
F	A6 family

### ⑦ Motor specifications: 80mm sq. or less MSMF 50W to 1000W

Symbol		Shaft		Holding brake		Oil seal		Motor encoder terminal <sup>*1</sup>	
		Round	Key-way, center tap	without	with	without	with	Connector JN	Lead wire
A	1	●		●		●		●	
A	2	●		●		●			●
B	1	●			●	●		●	
B	2	●			●	●			●
C	1	●		●			●	●	
C	2	●		●			●		●
D	1	●			●		●	●	
D	2	●			●		●		●
S	1		●	●		●		●	
S	2		●	●		●			●
T	1		●		●			●	
T	2		●		●				●
U	1		●	●			●	●	
U	2		●	●			●		●
V	1		●		●		●	●	
V	2		●		●		●		●

### ③ Motor rated output

Symbol	Rated output	Symbol	Rated output	Symbol	Rated output
5A	50 W	13	1,3 kW	44	4,4 kW
01	100 W	15	1,5 kW	50	5,0 kW
02	200 W	18	1,8 kW	55	5,5 kW
04	400 W	20	2,0 kW	75	7,5 kW
08	750 W	24	2,4 kW	C1	11,0 kW
09	0,85 kW, 1000 W (130 mm sq.)	29	2,9 kW	C5	15,0 kW
	1,0 kW (80 mm sq.)	30	3,0 kW	D2	22,0 kW
10	1,0 kW	40	4,0 kW		

### ④ Voltage Specifications

Symbol	Specifications
1	100 V
2	200 V
Z	100 V/200 V common (50 W only)

### ⑥ Design Order

Symbol	Specifications
1	Standard

#### <Note>

When using a rotary encoder as an incremental system (not using multi-turn data), do not connect a battery for absolute encoder.

### ⑦ Motor Specifications: 80mm sq. or less MHMF 50W to 1000W MQMF 100W to 400W

Symbol		Shaft		Holding brake		Oil seal		Motor encoder terminal <sup>*1</sup>		
		Round	Key-way, center tap	without	with	without	with	With protective lip	Connector JN	Lead wire
A	1	●		●		●			●	
A	2	●		●		●				●
B	1	●			●	●			●	
B	2	●			●	●				●
C	1	●		●			●	●	●	
C	2	●		●			●			●
C	3	●		●				●	●	
C	4	●		●				●		●
D	1	●			●		●	●	●	
D	2	●			●		●			●
D	3	●			●			●	●	
D	4	●			●			●		●
S	1		●	●		●			●	
S	2		●	●		●				●
T	1		●		●				●	
T	2		●		●					●
U	1		●	●			●	●	●	
U	2		●	●			●			●
U	3		●	●				●	●	
U	4		●	●					●	●
V	1		●		●		●	●	●	
V	2		●		●		●			●
V	3		●		●			●	●	
V	4		●		●			●		●

### ⑤ Rotary Encoder Specifications

Symbol	Format	Pulse counts	Resolution	Wires
L	Absolute	23-bit	8388608	7

### ⑦ Motor Specifications: IP67\*2 100mm sq. to 220 mmsq. MSMF, MHMF, DDMF, MGMF

Symbol	Shaft		Holding brake		Oil seal		Encoder terminal	
	Round	Key-way	without	with	with	With protective lip	Connector JN2 (Small size)	Connector JL10 (Large size) <sup>*3</sup>
C	5	●	●		●		●	
C	6	●	●		●			●
C	7	●	●			●	●	
C	8	●	●			●		●
D	5	●		●	●			●
D	6	●		●	●			●
D	7	●		●		●	●	
D	8	●		●		●		●
G	5	●	●		●		●	
G	6	●	●		●			●
G	7	●	●			●	●	
G	8	●	●			●		●
H	5	●		●	●		●	
H	6	●		●	●			●
H	7	●		●		●	●	
H	8	●		●		●		●

\*1 Connector type: IP67, Lead wire type: IP65 \*2 22.0 kW: IP44

\*3 Connector on the motor side encoder. (Also applicable to screwed type.)

# Minas A6 Servo Driver

**M A D L N 1 5 S E \* \* \*** ————— Special specifications

①                      ②                      ③                      ④                      ⑤                      ⑥                      ⑦

## ① Frame Symbol

Symbol	Frame	Symbol	Frame
MAD	A-Frame	MED	E-Frame
MBD	B-Frame	MFD	F-Frame
MCD	C-Frame	MGD	G-Frame
MDD	D-Frame	MHD	H-Frame

## ③ Safety Function

Symbol	Specifications
N	without the safety function
T	with the safety function

## ⑤ Supply Voltage Specifications

Symbol	Specifications
1	Single phase 100 V
3	3-phase 200 V
5	Single/3-phase 200 V

## ② Series

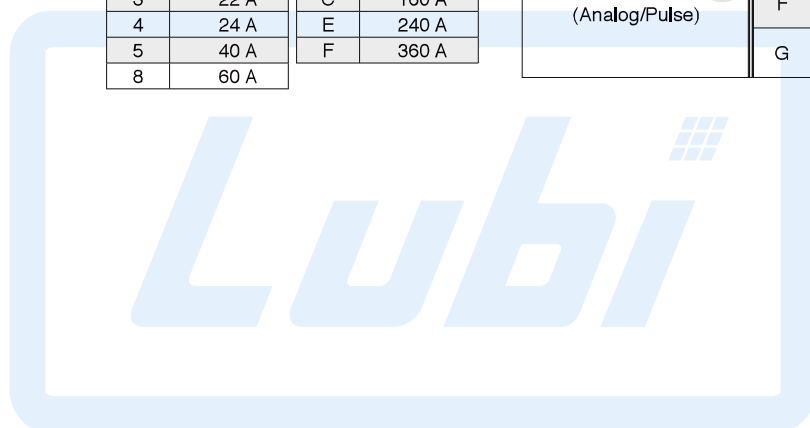
Symbol	Series name
L	A6 family

## ④ Max. Current rating

Symbol	Current rating	Symbol	Current rating
0	6 A	9	80 A
1	8 A	A	100 A
2	12 A	B	120 A
3	22 A	C	160 A
4	24 A	E	240 A
5	40 A	F	360 A
8	60 A		

## ⑥ I/F Specifications      ⑦ Classification of type

Symbol (specification)	Symbol	Specification
S (Analog/Pulse)	E	Basic type (Pulse train only)
	F	Multi function type (Pulse, analog, full-closed)
	G	RS485 communication type (Pulse train only)



## Cable Price For A6, A6N, A6B AC Servo System

Model	Type of Cable		Length (Meter) / Price						
			0.6	1	2	3	4	5	6
50W to 750W MSMF, MQMF, MHMF (LEADWIRE TYPE)	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N, A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	LCAE10232	LCAE10233	LCAE10234	LCAE10235	LCAE10236	LCAE10237	LCAE10238
		Price	1595	1815	1980	2365	2585	2860	3135
	Encoder Cable (With Battery)	Code	LCAE10247	LCAE10248	LCAE10249	LCAE10250	LCAE10251	LCAE10252	LCAE10253
		Price	2640	2750	3080	3300	3630	3850	4180
	Power Cable (W/O Brake)	Code	LCBE10016	LCBE10138	LCBE10001	LCBE10005	LCBE10110	LCBE10004	LCBE10006
		Price	275	330	440	550	715	825	990
	Power Cable (With Brake)	Code	LCBE10123	LCBE10124	LCBE10125	LCBE10126	LCBE10127	LCBE10128	LCBE10129
		Price	385	450	715	990	1210	1430	1705

1KW to 2KW MSMF, MDMF (0.85KW to 1.8KW MGMF) (1KW to 1.5KW MHMF)	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N, A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	-	-	LCA10233	LCA10234	LCA10235	LCA10236	LCA10237
		Price	-	-	3080	3410	3730	3960	4290
	Encoder Cable (With Battery)	Code	-	-	LCA10246	LCA10247	LCA10248	LCA10249	LCA10250
		Price	-	-	4180	4510	4840	5060	5390
	Power Cable (W/O Brake)	Code	-	-	LCB10017	LCB10010	LCB10141	LCB10018	LCB10011
		Price	-	-	2310	2640	2970	3410	3685
	Power Cable (With Brake)	Code	-	-	LCB10019	LCB10020	LCB10142	LCB10021	LCB10022
		Price	-	-	2970	3410	3730	4180	4620

3KW to 5KW MSMF, MDMF (2.4KW to 4.4KW MGMF) (2KW to 5KW MHMF)	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N, A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	-	-	LCA10233	LCA10234	LCA10235	LCA10236	LCA10237
		Price	-	-	3080	3410	3740	3960	4290
	Encoder Cable (With Battery)	Code	-	-	LCA10246	LCA10247	LCA10248	LCA10249	LCA10250
		Price	-	-	4180	4510	4840	5060	5390
	Power Cable (W/O Brake)	Code	-	-	LCB10025	LCB10026	LCB10150	LCB10027	LCB10028
		Price	-	-	2420	2750	3080	3410	3740
	Power Cable (With Brake)	Code	-	-	LCB10031	LCB10032	LCB10151	LCB10033	LCB10034
		Price	-	-	3080	3520	3850	4290	4620

<b>(7.5KW to 11KW MDMF) (5.5KW MGMF) (7.5KW MHMF)</b>	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N,A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	-	-	LCA10233	LCA10234	LCA10235	LCA10236	LCA10237
		Price	-	-	3080	3410	3740	3960	4290
	Encoder Cable (With Battery)	Code	-	-	LCA10246	LCA10247	LCA10248	LCA10249	LCA10250
		Price	-	-	4180	4510	4840	5060	5390
	Power Cable (W/O Brake)	Code	-	-	LCB10228	LCB10229	LCB10230	LCB10231	-
		Price	-	-	3750	4270	4790	5310	-
	Power Cable (With Brake)	Code	-	-	LCB10239	LCB10240	LCB10241	LCB10242	-
		Price	-	-	4560	5183	5800	6420	-

<b>15KW MDMF</b>	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N,A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	-	-	LCA10233	LCA10234	LCA10235	LCA10236	LCA10237
		Price	-	-	3080	3410	3740	3960	4290
	Encoder Cable (With Battery)	Code	-	-	LCA10246	LCA10247	LCA10248	LCA10249	LCA10250
		Price	-	-	4180	4510	4840	5060	5390
	Power Cable (W/O Brake)	Code	-	-	LCB10250	LCB10251	LCB10252	LCB10253	-
		Price	-	-	4210	4960	5710	6460	-
	Power Cable (With Brake)	Code	-	-	LCB10261	LCB10262	LCB10263	LCB10264	-
		Price	-	-	5020	5870	6720	7570	-

<b>(22KW MDMF)</b>	Interface Cable A6 12 Core	Code	-	LCAE10229	LCAE10226	-	-	-	-
		Price	-	1100	2200	-	-	-	-
	Interface Cable A6	Code	LCAE10030	LCAE10007	LCAE10008	LCAE10085	-	LCAE10086	-
		Price	2310	2860	4290	5610	-	8360	-
	Ethernet Cable A6N,A6B	Code	EXC70092	EXC70093	EXC70094	EXC70095	-	EXC70096	-
		Price	420	580	690	780	-	950	-
	Encoder Cable (W/O Battery)	Code	-	-	LCA10233	LCA10234	LCA10235	LCA10236	LCA10237
		Price	-	-	3080	3410	3740	3960	4290
	Encoder Cable (With Battery)	Code	-	-	LCA10246	LCA10247	LCA10248	LCA10249	LCA10250
		Price	-	-	4180	4510	4840	5060	5390
	Power Cable (W/O Brake)	Code	-	-	LCB10272	LCB10273	LCB10274	LCB10275	-
		Price	-	-	7800	11400	15000	18600	-
	Power Cable (With Brake)	Code	-	-	LCB10283	LCB10284	LCB10285	LCB10286	-
		Price	-	-	8620	12310	16010	19710	-

## Cable Price For A6, A6N, A6B AC Servo System

Model	Type of Cable		Length (Meter) / Price								
			7	8	9	10	12	15	18	20	
50W to 750W MSMF, MQMF, MHMF (LEADWIRE TYPE)	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-	-
	Interface Cable A6	Code	-	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-	-
	Ethernet Cable A6N, A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	-	-
		Price	1280	1450	-	1780	-	-	-	-	-
	Encoder Cable (W/O Battery)	Code	LCAE10239	LCAE10240	LCAE10241	LCAE10242	LCAE10243	LCAE10244	LCAE10245	LCAE10246	
		Price	3520	3740	3960	4180	4950	5720	6490	7040	
	Encoder Cable (With Battery)	Code	LCAE10254	LCAE10255	LCAE10256	LCAE10257	LCAE10258	LCAE10259	LCAE10260	LCAE10261	
		Price	4510	4840	5060	5280	6050	6820	7480	8030	
	Power Cable (W/O Brake)	Code	LCBE10122	LCBE10075	LCBE10007	LCBE10076	LCBE10008	LCBE10009	LCBE10139	LCBE10140	
		Price	1100	1210	1320	1430	1760	2090	2530	2640	
	Power Cable (With Brake)	Code	LCBE10130	LCBE10131	LCBE10132	LCBE10133	LCBE10134	LCBE10135	LCBE10136	LCBE10137	
		Price	1980	2200	2420	2640	3080	3850	4620	5060	

(1KW to 2KW MSMF, MDMF) (0.85KW to 1.8KW MGFIF) (1KW to 1.5KW MHMF)	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Interface Cable A6	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Ethernet Cable A6N, A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	-
		Price	1280	1450	-	1780	-	-	-	-
	Encoder Cable (W/O Battery)	Code	LCA10238	LCA10239	LCA10240	LCA10241	LCA10242	LCA10243	LCA10244	LCA10245
		Price	4620	4950	5170	5500	5940	6820	7590	8250
	Encoder Cable (With Battery)	Code	LCA10251	LCA10252	LCA10253	LCA10254	LCA10255	LCA10256	LCA10257	LCA10258
		Price	5720	6050	6270	6490	7040	7920	8590	9350
	Power Cable (W/O Brake)	Code	LCB10143	LCB10074	LCB10012	LCB10073	LCB10013	LCB10014	LCB10163	LCB10164
		Price	4070	4400	4730	5170	5830	6930	7920	8580
	Power Cable (With Brake)	Code	LCB10144	LCB10145	LCB10023	LCB10146	LCB10147	LCB10024	LCB10148	LCB10149
		Price	5060	5390	5830	6600	7480	8250	9020	9790

(3KW to 5KW MSMF, MDMF) (2.4KW to 4.4KW MGFIF) (2KW to 5KW MHMF)	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Interface Cable A6	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Ethernet Cable A6N, A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	-
		Price	1280	1450	-	1780	-	-	-	-
	Encoder Cable (W/O Battery)	Code	LCA10238	LCA10239	LCA10240	LCA10241	LCA10242	LCA10243	LCA10244	LCA10245
		Price	4620	4950	5170	5500	5940	6820	7590	8250
	Encoder Cable (With Battery)	Code	LCA10251	LCA10252	LCA10253	LCA10254	LCA10255	LCA10256	LCA10257	LCA10258
		Price	5720	6050	6270	6490	7040	7920	8690	9350
	Power Cable (W/O Brake)	Code	LCB10152	LCB10154	LCB10029	LCB10111	LCB10157	LCB10030	LCB10159	LCB10161
		Price	4180	4510	4840	5170	6050	7480	8800	9570
	Power Cable (With Brake)	Code	LCB10153	LCB10155	LCB10035	LCB10156	LCB10158	LCB10036	LCB10160	LCB10162
		Price	5060	5500	5940	6380	6930	8030	9130	9680

<b>(7.5KW to 11KW MDMF) (5.5KW MGMF) (7.5KW MHMF)</b>	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Interface Cable A6	Code	-	-	-	-	-	-	-	-
		Price	-	-	-	-	-	-	-	-
	Ethernet Cable A6N,A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	-
		Price	1280	1450	-	1780	-	-	-	-
	Encoder Cable (W/O Battery)	Code	LCA10238	LCA10239	LCA10240	LCA10241	LCA10242	LCA10243	LCA10244	LCA10245
		Price	4620	4950	5170	5500	5940	6820	7590	8250
	Encoder Cable (With Battery)	Code	LCA10251	LCA10252	LCA10253	LCA10254	LCA10255	LCA10256	LCA10257	LCA10258
		Price	5720	6050	6270	6490	7040	7920	8690	9350
	Power Cable (W/O Brake)	Code	-	LCB10232	LCB10233	LCB10234	LCB10235	LCB10236	LCB10237	LCB10238
		Price	-	6880	7410	7930	8970	10540	12110	13160
	Power Cable (With Brake)	Code	-	LCB10243	LCB10244	LCB10245	LCB10246	LCB10247	LCB10248	LCB10249
		Price	-	8280	8900	9520	10700	12620	14480	15710

<b>(15KW MDMF)</b>	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	
		Price	-	-	-	-	-	-	-	
	Interface Cable A6	Code	-	-	-	-	-	-	-	
		Price	-	-	-	-	-	-	-	
	Ethernet Cable A6N,A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	
		Price	1280	1450	-	1780	-	-	-	
	Encoder Cable (W/O Battery)	Code	LCA10238	LCA10239	LCA10240	LCA10241	LCA10242	LCA10243	LCA10244	LCA10245
		Price	4620	4950	5170	5500	5940	6820	7590	8250
	Encoder Cable (With Battery)	Code	LCA10251	LCA10252	LCA10253	LCA10254	LCA10255	LCA10256	LCA10257	LCA10258
		Price	5720	6050	6270	6490	7040	7920	8690	9350
	Power Cable (W/O Brake)	Code	-	LCB10254	LCB10255	LCB10256	LCB10257	LCB10258	LCB10259	LCB10260
		Price	-	8720	9480	10230	11740	13990	16260	17760
	Power Cable (With Brake)	Code	-	LCB10265	LCB10266	LCB10267	LCB10268	LCB10269	LCB10270	LCB10271
		Price	-	10120	10970	11820	13520	16070	18620	20320

<b>(22KW MDMF)</b>	Interface Cable A6 12 Core	Code	-	-	-	-	-	-	-	
		Price	-	-	-	-	-	-	-	
	Interface Cable A6	Code	-	-	-	-	-	-	-	
		Price	-	-	-	-	-	-	-	
	Ethernet Cable A6N,A6B	Code	EXC70097	EXC70098	-	EXC70099	-	-	-	
		Price	1280	1450	-	1780	-	-	-	
	Encoder Cable (W/O Battery)	Code	LCA10238	LCA10239	LCA10240	LCA10241	LCA10242	LCA10243	LCA10244	LCA10245
		Price	4620	4950	5170	5500	5940	6820	7590	8250
	Encoder Cable (With Battery)	Code	LCA10251	LCA10252	LCA10253	LCA10254	LCA10255	LCA10256	LCA10257	LCA10258
		Price	5720	6050	6270	6490	7040	7920	8690	9350
	Power Cable (W/O Brake)	Code	-	LCB10276	LCB10277	LCB10278	LCB10279	LCB10280	LCB10281	LCB10282
		Price	-	29400	33000	36600	43800	54600	65400	72600
	Power Cable (With Brake)	Code	-	LCB10287	LCB10288	LCB10289	LCB10290	LCB10291	LCB10292	LCB10293
		Price	-	30800	34500	38190	45590	56680	67770	75160

## PRICE FOR CONNECTOR KIT WITHOUT BRAKE

MOTOR PART NO.	MOTOR OUTPUT	CONNECTOR KIT	PRICE
MSMF (LEADWIRE TYPE)	50W TO 750W	PA4CK01 - 07A - DDS10102	4290
MHMF (LEADWIRE TYPE)	50W TO 750W		
MQMF (LEADWIRE TYPE)	50W TO 750W		
MSMF	1.0KW TO 2.0KW	PA4CK09 - 20I - DDS10103	5720
MDMF	1.0KW TO 2.0KW		
MGMF	0.85KW TO 1.8KW		
MHMF	1.0KW TO 1.5KW		
MSMF	3.0KW TO 5.0KW	PA4CK30 - 60I - DDS10105	5830
MDMF	3.0KW TO 5.0KW		
MGMF	2.4KW TO 4.4KW		
MHMF	2.0KW TO 5.0KW		
MDMF	7.5KW T O 15KW	PA4CK 7.5KW - DDS10128	4020
MGMF	5.5KW		
MHMF	7.5KW		
MDMF	22KW		
		PA6-CK 22KW - DDS10154	1920

## WITH BRAKE

MOTOR PART NO.	MOTOR OUTPUT	CONNECTOR KIT	PRICE
MSMF (LEADWIRE TYPE)	50W TO 750W	PA6CK01-07A-DDS10142	4400
MHMF (LEADWIRE TYPE)	50W TO 750W		
MQMF (LEADWIRE TYPE)	50W TO 750W		
MSMF	1.0KW TO 2.0KW	PA4CK09 - 20IB - DDS10104	5830
MDMF	1.0KW TO 2.0KW		
MGMF	0.85KW TO 1.8KW		
MHMF	1.0KW TO 1.5KW		
MSMF	3.0KW TO 5.0KW	PA4CK30 - 60IB - DDS10106	5940
MDMF	3.0KW TO 5.0KW		
MGMF	2.4KW TO 4.4KW		
MHMF	2.0KW TO 5.0KW		
MDMF	7.5KW T O 15KW	PA6-CK 7.5KW TO 15KW(B) DDS10153	4650
MGMF	5.5KW		
MHMF	7.5KW		
MDMF	22KW	PA6-CK 22KW(B) - DDS10155	2550

## PRICE FOR COMMUNICATION CABLE

No.	Name of Cable	Code	Price
1	PC TO A6, A5, & LIQI PANATERM SOFTWARE CABLE	EXC70060	935
2	PLC TO A6, A5 RS485 COMMUNICATION CABLE 2 METER	EXC70036	1760
3	PLC TOA6, A5 RS485 COMMUNICATION CABLE 3 METER	EXC70037	1870
4	PLC TO A6, A5 RS485 COMMUNICATION CABLE 5 METER	EXC70038	1980



## A6 SERIES SERVO MOTOR & DRIVER

### INPUT VOLTAGE: 1 PHASE / 3 PHASE - 200V

Watts	Motor Model	Price	Series	Encoder	Brake	Torque Nm	Rated RPM		Applicable Driver Model	Series	Price
50	MSMF5AZL1U2M	22860	A6	ABS	W/O	0.16	3000				
50	MSMF5AZL1V2M	36035	A6	ABS	W	0.16	3000				
50	MHMF5AZL1U2M	22740	A6	ABS	W/O	0.16	3000				
50	MHMF5AZL1V2M	36035	A6	ABS	W	0.16	3000		MADLT05SF	A6SF	40350
100	MSMF012L1U2M	24490	A6	ABS	W/O	0.32	3000		MADLN05SG	A6SG	32650
100	MSMF012L1V2M	37200	A6	ABS	W	0.32	3000	→	MADLN05SE	A6SE	37320
100	MQMF012L1U2M	26470	A6	ABS	W/O	0.32	3000		MADLN05NE	A6N	47805
100	MQMF012L1V2M	39300	A6	ABS	W	0.32	3000		MADLN05BE	E-CAT	50135
100	MHMF012L1U2M	24490	A6	ABS	W/O	0.32	3000				
100	MHMF012L1V2M	37200	A6	ABS	W	0.32	3000				

200	MSMF022L1U2M	23905	A6	ABS	W/O	0.64	3000		MADLT15SF	A6SF	39065
200	MSMF022L1V2M	43140	A6	ABS	W	0.64	3000		MADLN15SG	A6SG	34985
200	MQMF022L1U2M	30085	A6	ABS	W/O	0.64	3000		MADLN15SE	A6SE	34985
200	MQMF022L1V2M	49555	A6	ABS	W	0.64	3000	→	MADLN15NE	A6N	47805
200	MHMF022L1U2M	22740	A6	ABS	W/O	0.64	3000		MADLN15BE	E-CAT	50135
200	MHMF022L1V2M	40815	A6	ABS	W	0.64	3000				

400	MSMF042L1U2M	27755	A6	ABS	W/O	1.27	3000		MBDLT25SF	A6SF	39065
400	MSMF042L1V2M	45355	A6	ABS	W	1.27	3000		MBDLN25SG	A6SG	36145
400	MQMF042L1U2M	37080	A6	ABS	W/O	1.27	3000		MBDLN25SE	A6SE	34985
400	MQMF042L1V2M	49555	A6	ABS	W	1.27	3000	→	MBDLN25NE	A6N	48975
400	MHMF042L1U2M	27060	A6	ABS	W/O	1.27	3000		MBDLN25BE	E-CAT	51890
400	MHMF042L1V2M	37665	A6	ABS	W	1.27	3000				

750	MSMF082L1U2M	35220	A6	ABS	W/O	2.39	3000		MCDLT35SF	A6SF	42210
750	MSMF082L1V2M	47805	A6	ABS	W	2.39	3000		MCDLN35SG	A6SG	40225
750	MHMF082L1U2M	34985	A6	ABS	W/O	2.39	3000	→	MCDLN35SE	A6SE	39065
750	MHMF082L1V2M	45830	A6	ABS	W	2.39	3000		MCDLN35NE	A6N	51435
									MCDLN35BE	E-CAT	53875

1000	MDMF102L1G6M	44075	A6	ABS	W/O	4.77	2000		MDDLT45SF	A6SF	49095
1000	MDMF102L1H6M	67985	A6	ABS	W	4.77	2000		MDDLN45SG	A6SG	47225
1000	MHMF102L1G6M	52945	A6	ABS	W/O	4.77	2000	→	MDDLN45SE	A6SE	47225
1000	MHMF102L1H6M	76260	A6	ABS	W	4.77	2000		MDDLN45NE	A6N	62965
									MDDLN45BE	E-CAT	66465

Watts	Motor Model	Price	Series	Encoder	Brake	Torque Nm	Rated RPM		Applicable Driver Model	Series	Price
1000	MHMF092L1U2M	46880	A6	ABS	W/O	3.18	3000				
1000	MHMF092L1V2M	60520	A6	ABS	W	3.18	3000				
1000	MSMF102L1G6M	51660	A6	ABS	W/O	3.18	3000				
1000	MSMF102L1H6M	74975	A6	ABS	W	3.18	3000		MDDL55SF	A6SF	51890
1500	MSMF152L1G6M	46640	A6	ABS	W/O	4.77	3000		MDDL55SG	A6SG	50135
1500	MSMF152L1H6M	79640	A6	ABS	W	4.77	3000	→	MDDL55SE	A6SE	50135
1500	MDMF152L1G6M	50725	A6	ABS	W/O	7.16	2000		MDDL55NE	A6N	57720
1500	MDMF152L1H6M	79055	A6	ABS	W	7.16	2000		MDDL55BE	E-CAT	62965
1500	MHMF152L1G6M	57835	A6	ABS	W/O	7.16	2000				
1500	MHMF152L1H6M	82200	A6	ABS	W	7.16	2000				

2000	MSMF202L1G6M	64250	A6	ABS	W/O	6.37	3000		MEDLT83SF	A6SF	75560
2000	MSMF202L1H6M	87805	A6	ABS	W	6.37	3000		MEDLN83SG	A6SG	72290
2000	MDMF202L1G6M	54805	A6	ABS	W/O	9.55	2000		MEDLN83SE	A6SE	72290
2000	MDMF202L1H6M	72180	A6	ABS	W	9.55	2000	→	MEDLN83NE	A6N	93285
2000	MHMF202L1G6M	75560	A6	ABS	W/O	9.55	2000		MEDLN83BE	E-CAT	97945
2000	MHMF202L1H6M	100275	A6	ABS	W	9.55	2000				

3000	MSMF302L1G6M	59935	A6	ABS	W/O	9.55	3000				
3000	MSMF302L1H6M	94105	A6	ABS	W	9.55	3000		MFDLTA3SF	A6SF	101910
3000	MDMF302L1G6M	74975	A6	ABS	W/O	14.3	2000		MFDLNA3SG	A6SG	99465
3000	MDMF302L1H6M	95605	A6	ABS	W	14.3	2000	→	MFDLNA3SE	A6SE	96780
3000	MHMF302L1G6M	90950	A6	ABS	W/O	14.3	2000		MFDLNA3NE	A6N	135445
3000	MHMF302L1H6M	114265	A6	ABS	W	14.3	2000		MFDLNA3BE	E-CAT	139915

4000	MSMF402L1G6M	79640	A6	ABS	W/O	12.7	3000				
4000	MSMF402L1H6M	102845	A6	ABS	W	12.7	3000				
4000	MDMF402L1G6M	82675	A6	ABS	W/O	19.1	2000				
4000	MDMF402L1H6M	109840	A6	ABS	W	19.1	2000				
4000	MHMF402L1G6M	98880	A6	ABS	W/O	19.1	2000		MFDLTB3SF	A6SF	114265
4000	MHMF402L1H6M	121505	A6	ABS	W	19.1	2000	→	MFDLNB3SG	A6SG	113085
5000	MSMF502L1G6M	94445	A6	ABS	W/O	15.9	3000		MFDLNB3SE	A6SE	113085
5000	MSMF502L1H6M	117765	A6	ABS	W	15.9	3000		MFDLNB3NE	A6N	142255
5000	MDMF502L1G6M	90600	A6	ABS	W/O	23.9	2000		MFDLNB3BE	E-CAT	148090
5000	MDMF502L1H6M	123950	A6	ABS	W	23.9	2000				
5000	MHMF502L1G6M	110770	A6	ABS	W/O	23.9	2000				
5000	MHMF502L1H6M	132925	A6	ABS	W	23.9	2000				

7500	MDMF752L1G6M	192390	A6	ABS	W/O	48	1500	→	MGDLTC3SF	A6SF	250685
									MGDLTC3NF	A6N	253925
7500	MDMF752L1H6M	277200	A6	ABS	W	48	1500	→	MGDLTC3BF	E-CAT	277880

11000	MDMFC12L1G6M	332980	A6	ABS	W/O	70	1500	→	MHDLTE3SF	A6SF	414300
									MHDLTE3NF	A6N	407105
15000	MDMFC52L1G6M	402475	A6	ABS	W/O	95.5	1500	→	MHDLTE3BF	E-CAT	431260
15000	MDMFC52L1H6M	455215	A6	ABS	W	95.5	1500				

22000	MDMFD22L1G6M	574980	A6	ABS	W/O	140	1500	→	MHDLTF3SF	A6SF	439895
									MHDLTF3NF	A6N	431260
22000	MDMFD22L1H6M	742655	A6	ABS	W	140	1500	→	MHDLTF3BF	E-CAT	455110



## MGMF SERIES 1500 RPM A6 SERIES MIDDLE INERTIA MOTOR

Torque Nm	Motor Model	Price	Frame Size	Encoder	Brake	Max. RPM		Applicable Driver Model	Series	Price
5.41	MGMF092L1G6M	44545	130mm	ABS	W/O	3000	➔	MDDLT45SF	A6SF	49095
								MDDLN45SG	A6SG	47225
5.41	MGMF092L1H6M	67985	130mm	ABS	W	3000	➔	MDDLN45SE	A6SE	47225
								MDDLN45NE	A6N	62965
								MDDLN45BE	E-CAT	66465

8.28	MGMF132L1G6M	54805	130mm	ABS	W/O	3000	➔	MDDLT55SF	A6SF	51890
								MDDLN55SG	A6SG	50135
8.28	MGMF132L1H6M	72645	130mm	ABS	W	3000	➔	MDDLN55SE	A6SE	50135
								MDDLN55NE	A6N	57720
								MDDLN55BE	E-CAT	62965

11.5	MGMF182L1G6M	76730	130mm	ABS	W/O	3000	➔	MEDLT83SF	A6SF	75560
								MEDLN83SG	A6SG	72290
11.5	MGMF182L1H6M	95605	130mm	ABS	W	3000	➔	MEDLN83SE	A6SE	72290
								MEDLN83NE	A6N	93285
								MEDLN83BE	E-CAT	97945

15.3	MGMF242L1G6M	81625	176mm	ABS	W/O	3000	➔	MEDLT93SF	A6SF	88740
								MEDLN93NE	A6N	107275
15.3	MGMF242L1H6M	109260	176mm	ABS	W	3000	➔	MEDLN93BE	E-CAT	113105

18.5	MGMF292L1G6M	83025	176mm	ABS	W/O	3000	➔			
18.5	MGMF292L1H6M	110310	176mm	ABS	W	3000		MFDLTB3SF	A6SF	114265
								MFDLNB3SG	A6SG	113085
28	MGMF442L1G6M	92820	176mm	ABS	W/O	3000		MFDLNB3SE	A6SE	113085
								MFDLNB3NE	A6N	142255
							MFDLNB3BE	E-CAT	148090	
28	MGMF442L1H6M	119170	176mm	ABS	W	3000				

35.0	MGMF552L1G6M	-	176mm	ABS	W/O	3000	➔	MGDLTC3SF	A6SF	250685
								MGDLTC3NF	A6N	253925
35.0	MGMF552L1H6M	-	176mm	ABS	W	3000		MGDLTC3BF	E-CAT	277880

**A5 / LIQI SERIES SERVO MOTOR & DRIVER**  
**INPUT VOLTAGE: 1 PHASE / 3 PHASE - 200V**

Watts	Motor Model	Price	Series	Encoder	Brake	Torque Nm	Rated RPM		Applicable Driver Model	Series	Price
200	MHMD022J1A	22425	LIQI	INC	W/O	0.64	3000				
200	MHMD022G1U	24025	A5	INC	W/O	0.64	3000	→	MBDJT2207	LIQI	25130
200	MHMD022G1V	43865	A5	INC	W	0.64	3000				

400	MHMJ042P1U	22220	LIQI	INC	W/O	1.3	3000				
400	MHMD042G1U	28335	A5	INC	W/O	1.3	3000	→	MBDJT2210	LIQI	25740
400	MHMD042G1V	40290	A5	INC	W	1.3	3000				

750	MHMJ082P1U	29040	LIQI	INC	W/O	2.4	3000				
750	MHMD082G1U	36590	A5	INC	W/O	2.4	3000	→	MCDJT3220	LIQI	32765
750	MHMD082G1V	48420	A5	INC	W	2.4	3000				

900	MGME092GCGM	54825	A5	INC	W/O	8.59	1000				
1000	MHMJ102P1G	43405	LIQI	INC	W/O	4.8	2000				
1000	MDME102GCGM	45830	A5	INC	W/O	4.8	2000	→	MCDJT3230	LIQI	35970
1000	MDME102GCHM	72070	A5	INC	W	4.8	2000				

**A5 SERIES SERVO MOTOR & DRIVER**  
**INPUT VOLTAGE: 3 PHASE - 400V**

11000	MDMEC14G1G	385115	A5	INC	W/O	70.0	1500				
15000	MDMEC54G1G	493635	A5	INC	W/O	95.5	1500	→	MHDKTB4A2	A5	457380

**Remark :** Please consider 15% price rise on all the balance models of A5 series.



● HEAD OFFICE  
● BRANCH OFFICE

This map of INDIA does not reflect accurate boundaries. It is only for illustration purpose.



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