

# Table of Part Numbers and Options

Motor series	Power supply	Rated rotational speed (r/min)	Output (W)	2500P/r, Incremental			17bit, Absolute/Incremental common				2500P/r and 17bit common	
				Motor Note) 1	Rating/Spec. (page)	Encoder cable Note) 2	Motor Note) 1	Rating/Spec. (page)	Encoder cable Note) 2	Encoder cable Note) 2	Driver	Frame symbol
MAMA [Ultra low inertia]	Single phase 200V	5000	100	MAMA012P1		MFECA 0**0EAM	MAMA012S1		MFECA 0**0EAE	MFECA 0**0EAD	MADDT1207	A-frame
			200	MAMA022P1			MAMA022S1				MBDDT2210	B-frame
			400	MAMA042P1	A4-77		MAMA042S1	A4-77			MCDDT3520	C-frame
			750	MAMA082P1			MAMA082S1				MDDDT5540	D-frame
	3-phase, 200V	5000	400	MAMA042P1			MAMA042S1				MCDDT3520	C-frame
			750	MAMA082P1			MAMA082S1				MDDDT5540	D-frame
MSMD [low inertia]	Single phase 100V	3000	50	MSMD5AZP1	A4-79	MFECA 0**0EAM	MSMD5AZS1	A4-79	MFECA 0**0EAE	MFECA 0**0EAD	MADDT1105	A-frame
			100	MSMD011P1			MSMD011S1				MADDT1107	
			200	MSMD021P1	A4-81		MSMD021S1	A4-81			MBDDT2110	B-frame
			400	MSMD041P1			MSMD041S1				MCDDT3120	C-frame
	Single phase 200V	3000	50	MSMD5AZP1	A4-83		MSMD5AZS1	A4-83			MADDT1205	
			100	MSMD012P1			MSMD012S1				MADDT1205	A-frame
			200	MSMD022P1			MSMD022S1				MADDT1207	
			400	MSMD042P1	A4-85		MSMD042S1	A4-85			MBDDT2210	B-frame
	3-phase, 200V	3000	750	MSMD082P1			MSMD082S1				MCDDT3520	
			750	MSMD082P1			MSMD082S1				MCDDT3520	C-frame
			750	MSMD082P1			MSMD082S1				MCDDT3520	
			750	MSMD082P1			MSMD082S1				MCDDT3520	C-frame
MQMA [Low inertia Cube type]	Single phase 100V	3000	100	MQMA011P1		MFECA 0**0EAM	MQMA011S1		MFECA 0**0EAE	MFECA 0**0EAD	MADDT1107	A-frame
			200	MQMA021P1	A4-87		MQMA021S1	A4-87			MBDDT2110	B-frame
			400	MQMA041P1			MQMA041S1				MCDDT3120	C-frame
	Single phase 200V	3000	100	MQMA012P1			MQMA012S1				MADDT1205	A-frame
			200	MQMA022P1	A4-89		MQMA022S1	A4-89			MADDT1207	
			400	MQMA042P1			MQMA042S1				MBDDT2210	B-frame
MSMA [low inertia]	Single phase 200V	3000	1000	MSMA102P1		MFECA 0**0ESD	MSMA102S1		MFECA 0**0ESE	MFECA 0**0ESD	MDDDT5540	
			1500	MSMA152P1			MSMA152S1				MDDDT5540	D-frame
	3-phase, 200V	3000	1000	MSMA102P1	A4-91		MSMA102S1	A4-91			MDDDT5540	
			1500	MSMA152P1			MSMA152S1				MDDDT5540	
			2000	MSMA202P1			MSMA202S1				MEDDT7364	E-frame
			3000	MSMA302P1			MSMA302S1				MFDDTA390	
			4000	MSMA402P1	A4-93		MSMA402S1	A4-93			MFDDTB3A2	F-frame
5000	MSMA502P1		MSMA502S1		MFDDTB3A2							
5000	MSMA502P1		MSMA502S1		MFDDTB3A2	F-frame						
MDMA [Middle inertia]	Single phase 200V	2000	1000	MDMA102P1		MFECA 0**0ESD	MDMA102S1		MFECA 0**0ESE	MFECA 0**0ESD	MDDDT3530	
			1500	MDMA152P1	A4-95		MDMA152S1	A4-95			MDDDT5540	D-frame
	3-phase, 200V	2000 Note)3	1000	MDMA102P1			MDMA102S1				MDDDT3530	
			1500	MDMA152P1			MDMA152S1				MDDDT5540	
			2000	MDMA202P1	A4-97		MDMA202S1	A4-97			MEDDT7364	E-frame
			3000	MDMA302P1			MDMA302S1				MFDDTA390	
			4000	MDMA402P1			MDMA402S1				MFDDTB3A2	F-frame
			5000	MDMA502P1	A4-99		MDMA502S1	A4-99			MFDDTB3A2	
7500	MDMA752P1		MDMA752S1		MGDDTC3B4	G-frame						
MGMA [Middle inertia Low speed/High torque]	Single phase 200V	1000	900	MGMA092P1		MFECA 0**0ESD	MGMA092S1		MFECA 0**0ESE	MFECA 0**0ESD	MDDDT5540	
			900	MGMA092P1	A4-101		MGMA092S1	A4-101			MDDDT5540	D-frame
	3-phase, 200V	1000	2000	MGMA202P1			MGMA202S1				MFDDTA390	
			3000	MGMA302P1			MGMA302S1				MFDDTB3A2	F-frame
			4500	MGMA452P1	A4-103		MGMA452S1	A4-103			MFDDTB3A2	
			6000	MGMA602P1			MGMA602S1				MGDDTC3B4	G-frame
MFMA [Middle inertia Flat type]	Single phase 200V	2000	400	MFMA042P1		MFECA 0**0ESD	MFMA042S1		MFECA 0**0ESE	MFECA 0**0ESD	MCDDT3520	C-frame
			1500	MFMA152P1	A4-105		MFMA152S1	A4-105			MDDDT5540	D-frame
	3-phase, 200V	2000 Note)3	400	MFMA042P1			MFMA042S1				MCDDT3520	C-frame
			1500	MFMA152P1			MFMA152S1				MDDDT5540	D-frame
			2500	MFMA252P1	A4-107		MFMA252S1	A4-107			MEDDT7364	E-frame
			4500	MFMA452P1			MFMA452S1				MFDDTB3A2	F-frame
MHMA [High inertia]	Single phase 200V	2000	500	MHMA052P1		MFECA 0**0ESD	MHMA052S1		MFECA 0**0ESE	MFECA 0**0ESD	MCDDT3520	C-frame
			1000	MHMA102P1			MHMA102S1				MDDDT3530	D-frame
			1500	MHMA152P1	A4-109		MHMA152S1	A4-109			MDDDT5540	
	3-phase, 200V	2000 Note)3	500	MHMA052P1			MHMA052S1				MCDDT3520	C-frame
			1000	MHMA102P1			MHMA102S1				MDDDT3530	D-frame
			1500	MHMA152P1			MHMA152S1				MDDDT5540	
			2000	MHMA202P1	A4-111		MHMA202S1	A4-111			MEDDT7364	E-frame
			3000	MHMA302P1			MHMA302S1				MFDDTA390	
			4000	MHMA402P1			MHMA402S1				MFDDTB3A2	F-frame
			5000	MHMA502P1			MHMA502S1				MFDDTB3A2	
			7500	MHMA752P1	A4-113		MHMA752S1	A4-113			MGDDTC3B4	G-frame

