

Table of Part Numbers and Options

Power supply	Motor series	Rated rotational speed (r/min)	Output (W)	2500P/r, Incremental			17bit, Absolute				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		
Single phase 200V	MAMA Ultra	5000	100	MAMA012P1	A4-17		MAMA012S1	A4-17			MADDT1207	A-frame		
			200	MAMA022P1	A4-17		MAMA022S1	A4-17			MBDDT2210	B-frame		
			400	MAMA042P1	A4-17		MAMA042S1	A4-17			MCDDT3520	C-frame		
			750	MAMA082P1	A4-17		MAMA082S1	A4-17			MDDDT5540	D-frame		
			3-phase, 200V	low inertia	400	MAMA042P1	A4-17		MAMA042S1	A4-17			MCDDT3520	C-frame
					750	MAMA082P1	A4-17		MAMA082S1	A4-17			MDDDT5540	D-frame
Single phase 100V	MSMD low inertia	5000	50	MSMD5AZP1	A4-19		MSMD5AZS1	A4-19			MADDT1105	A-frame		
			100	MSMD011P1	A4-19		MSMD011S1	A4-19			MADDT1107	A-frame		
			200	MSMD021P1	A4-21		MSMD021S1	A4-21			MBDDT2110	B-frame		
			400	MSMD041P1	A4-21		MSMD041S1	A4-21			MCDDT3120	C-frame		
	MQMA low inertia Flat	100	MQMA011P1	A4-27	MFCEA 0* * 0EAM	MQMA011S1	A4-27	MFCEA 0* * 0EAE	MFCEA 0* * 0EAD	MADDT1107	A-frame			
		200	MQMA021P1	A4-27		MQMA021S1	A4-27			MBDDT2110	B-frame			
Single phase 200V	MSMD low inertia	3000	50	MSMD5AZP1	A4-23		MSMD5AZS1	A4-23			MADDT1205	A-frame		
			100	MSMD012P1	A4-23		MSMD012S1	A4-23			MADDT1207	A-frame		
			200	MSMD022P1	A4-25		MSMD022S1	A4-25			MBDDT2210	B-frame		
			400	MSMD042P1	A4-25		MSMD042S1	A4-25			MCDDT3520	C-frame		
			750	MSMD082P1	A4-25		MSMD082S1	A4-25			MDDDT5540	D-frame		
	MQMA low inertia Flat	100	MQMA012P1	A4-29		MQMA012S1	A4-29			MADDT1205	A-frame			
		200	MQMA022P1	A4-29		MQMA022S1	A4-29			MADDT1207	A-frame			
		400	MQMA042P1	A4-29		MQMA042S1	A4-29			MBDDT2210	B-frame			
	MSMA low inertia	2000	1000	MSMA102P1	A4-31		MSMA102S1	A4-31			MDDDT5540			
			1500	MSMA152P1	A4-31		MSMA152S1	A4-31			MDDDT5540			
	MDMA Middle inertia	2000	1000	MDMA102P1	A4-35		MDMA102S1	A4-35			MDDDT3530	D-frame		
			1500	MDMA152P1	A4-35		MDMA152S1	A4-35			MDDDT5540			
	MGMA Middle inertia	1000	900	MGMA092P1	A4-41	MFCEA 0* * 0ESD	MGMA092S1	A4-41	MFCEA 0* * 0ESE	MFCEA 0* * 0ESD	MDDDT5540			
			400	MFMA042P1	A4-45		MFMA042S1	A4-45			MCDDT3520	C-frame		
	MFMA Middle inertia	2000	1500	MFMA152P1	A4-45		MFMA152S1	A4-45			MDDDT5540	D-frame		
			500	MHMA052P1	A4-49		MHMA052S1	A4-49			MCDDT3520	C-frame		
	MHMA High inertia	2000	1000	MHMA102P1	A4-49		MHMA102S1	A4-49			MDDDT3530	D-frame		
			1500	MHMA152P1	A4-49		MHMA152S1	A4-49			MDDDT5540			
3-phase, 200V	MSMD low inertia	3000	750	MSMD082P1	A4-25	MFCEA 0* * 0EAM	MSMD082S1	A4-25	MFCEA 0* * 0EAE	MFCEA 0* * 0EAD	MCDDT3520	C-frame		
			1000	MSMA102P1	A4-31		MSMA102S1	A4-31			MDDDT5540	D-frame		
	MSMA low inertia	1500	MSMA152P1	A4-31		MSMA152S1	A4-31			MDDDT5540	D-frame			
		2000	MSMA202P1	A4-31		MSMA202S1	A4-31			MEDDT7364	E-frame			
		3000	MSMA302P1	A4-33		MSMA302S1	A4-33			MFDDTA390				
		4000	MSMA402P1	A4-33		MSMA402S1	A4-33			MFDDTB3A2	F-frame			
		5000	MSMA502P1	A4-33		MSMA502S1	A4-33			MFDDTB3A2				
	MDMA Middle inertia	2000	1000	MDMA102P1	A4-35		MDMA102S1	A4-35			MDDDT3530	D-frame		
			1500	MDMA152P1	A4-35		MDMA152S1	A4-35			MDDDT5540			
			2000	MDMA202P1	A4-37		MDMA202S1	A4-37			MEDDT7364	E-frame		
			3000	MDMA302P1	A4-37		MDMA302S1	A4-37			MFDDTA390			
			4000	MDMA402P1	A4-39		MDMA402S1	A4-39			MFDDTB3A2	F-frame		
	MGMA Middle inertia	1000	5000	MDMA502P1	A4-39		MDMA502S1	A4-39			MFDDTB3A2			
			900	MGMA092P1	A4-41		MGMA092S1	A4-41			MDDDT5540	D-frame		
			2000	MGMA202P1	A4-41	MFCEA 0* * 0ESD	MGMA202S1	A4-41	MFCEA 0* * 0ESE	MFCEA 0* * 0ESD	MFDDTA390			
			3000	MGMA302P1	A4-43		MGMA302S1	A4-43			MFDDTB3A2	F-frame		
	MFMA Middle inertia	2000	4500	MGMA452P1	A4-43		MGMA452S1	A4-43			MFDDTB3A2			
			400	MFMA042P1	A4-45		MFMA042S1	A4-45			MCDDT3520	C-frame		
			1500	MFMA152P1	A4-45		MFMA152S1	A4-45			MDDDT5540	D-frame		
			2500	MFMA252P1	A4-47		MFMA252S1	A4-47			MEDDT7364	E-frame		
MHMA High inertia	2000	4500	MFMA452P1	A4-47		MFMA452S1	A4-47			MFDDTB3A2	F-frame			
		500	MHMA052P1	A4-49		MHMA052S1	A4-49			MCDDT3520	C-frame			
		1000	MHMA102P1	A4-49		MHMA102S1	A4-49			MDDDT3530	D-frame			
		1500	MHMA152P1	A4-49		MHMA152S1	A4-49			MDDDT5540				
		2000	MHMA202P1	A4-51		MHMA202S1	A4-51			MEDDT7364	E-frame			
		3000	MHMA302P1	A4-51		MHMA302S1	A4-51			MFDDTA390				
MHMA High inertia	2000	4000	MHMA402P1	A4-51		MHMA402S1	A4-51			MFDDTB3A2	F-frame			
		5000	MHMA502P1	A4-51		MHMA502S1	A4-51			MFDDTB3A2				

Optional parts						
	Motor cable Note) 2	Motor cable (with brake) Note) 2	Brake cable Note) 2	Regenerative resistor	Reactor	Noise filter
				DV0P4283	DV0P220	DV0P4170
					DV0P221	DV0P4180
				DV0P4284		DV0P4220
				DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P221	DV0P4220
				DV0P4280	DV0P227	DV0P4170
				DV0P4283		
				DV0P4282	DV0P228	DV0P4180
	MFMCA 0* *0EED	—	MFMCB 0* *0GET	DV0P4280	DV0P227	DV0P4170
				DV0P4283		
				DV0P4282	DV0P228	DV0P4180
				DV0P4281	DV0P220	DV0P4170
				DV0P4283	DV0P221	DV0P4180
				DV0P4281	DV0P220	DV0P4170
				DV0P4283	DV0P221	
	MFMCD 0* *2ECD			DV0P4284	DV0P222	DV0P4220
		MFMCA 0* *2FCD	—			
	MFMCA 0* *2ECD			DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCD 0* *2ECD			DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCA 0* *0EED	—	MFMCB 0* *0GET	DV0P4283	DV0P221	DV0P4180
	MFMCD 0* *2ECD	MFMCA 0* *2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCD0* *2ECT	MFMCA0* *2FCT			DV0P223	
	MFMCA 0* *3ECT	MFMCA 0* *3FCT		DV0P4285 X2 in parallel	DV0P224 DV0P225	DV0P3410
					—	
	MFMCD 0* *2ECD	MFMCA 0* *2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCD0* *2ECT	MFMCA0* *2FCT			DV0P223	
	MFMCA 0* *3ECT	MFMCA 0* *3FCT		DV0P4285 X2 in parallel	DV0P224 DV0P225	DV0P3410
					—	
	MFMCA 0* *2ECD	MFMCA 0* *2FCD		DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCD 0* *3ECT	MFMCA 0* *3FCT		DV0P4285 X2 in parallel	DV0P224	DV0P3410
					—	
	MFMCA 0* *2ECD	MFMCA 0* *2FCD		DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCD 0* *3ECT	MFMCA 0* *3FCT		DV0P4285 X2 in parallel	DV0P224	DV0P3410
					—	
	MFMCD 0* *2ECD	MFMCA 0* *2FCD		DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCA 0* *3ECT	MFMCA 0* *3FCT		DV0P4285 X2 in parallel	DV0P224	DV0P3410
					—	

Carrying page

Options		Part No.	Carrying page
Instruction manual	Japanese	DV0P4200	—
	English	DV0P4210	—
Console		DV0P3690	A4-91
Setup support software, PANATERM®	Japanese	DV0P4230	A4-90
	English	DV0P4240	A4-90
RS232C communication cable	DOS/V	DV0P1960	A4-89
	PC98 L=200mm	DV0P1160	A4-89
RS485 communication cable	L=200mm	DV0P1970	A4-90
	L=500mm	DV0P1971	A4-90
	L=1000mm	DV0P1972	A4-90
Interface cable		DV0P4360	A4-87
Connector kit for external equipment		DV0P4350	A4-87
Connector kit for motor and encoder		DV0P4290	A4-87
		DV0P4380	A4-88
		DV0P4310	A4-88
		DV0P4320	A4-88
		DV0P4330	A4-89
Battery for absolute encoder		DV0P2990	A4-92
Mounting bracket	Frame A	DV0P4271	A4-90
	Frame B	DV0P4272	A4-90
	Frame C	DV0P4273	A4-90
	Frame D	DV0P4274	A4-90
Encoder cable		MFECA0* *0EAD	A4-84
		MFECA0* *0EAE	A4-84
		MFECA0* *0EAM	A4-84
		MFECA0* *0ESD	A4-84
Motor cable		MFECA0* *0ESE	A4-84
		MFMCA0* *0EED	A4-85
		MFMCA0* *2ECD	A4-85
		MFMCA0* *3ECT	A4-85
		MFMCD0* *2ECD	A4-85
Motor cable (with brake)		MFMCD0* *2ECT	A4-85
		MFMCD0* *3ECT	A4-85
		MFMCA0* *2FCD	A4-86
		MFMCA0* *2FCT	A4-86
Brake cable		MFMCB0* *0GET	A4-86
Regenerative resistor		50Ω, 25W	DV0P4280
		100Ω, 25W	DV0P4281
		25Ω, 50W	DV0P4282
		50Ω, 50W	DV0P4283
		30Ω, 100W	DV0P4284
		20Ω, 130W	DV0P4285
Reactor		DV0P220 to DV0P228	A4-91
Noise filter		DV0P4170	A4-14
		DV0P4180	
		DV0P4220	
		DV0P3410	
Surge absorber	Single Phase 100V	DV0P4190	A4-14
	3-Phase 200V	DV0P1450	A4-14
Noise filter for signal wire		DV0P1460	A4-15

Note) 1. □ represents the motor structure.

Note) 2. **represents the cable length (specified value)
For details, refer to cable specifications (A4-83).