

Table of Part Numbers and Options

Power supply	Motor series	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	
Single phase 200V	MAMA Ultra	5000	100	MAMA012P1	A4-49		MAMA012S1	A4-49			MADDT1207	A-frame	
			200	MAMA022P1	A4-49		MAMA022S1	A4-49			MBDDT2210	B-frame	
			400	MAMA042P1	A4-49		MAMA042S1	A4-49			MCDDT3520	C-frame	
			750	MAMA082P1	A4-49		MAMA082S1	A4-49			MDDDT5540	D-frame	
	3-phase, 200V	low inertia		400	MAMA042P1	A4-49		MAMA042S1	A4-49			MCDDT3520	C-frame
				750	MAMA082P1	A4-49		MAMA082S1	A4-49			MDDDT5540	D-frame
Single phase 100V	MSMD Low inertia		50	MSMD5AZP1	A4-51		MSMD5AZS1	A4-51			MADDT1105	A-frame	
			100	MSMD011P1	A4-51		MSMD011S1	A4-51			MADDT1107		
			200	MSMD021P1	A4-53		MSMD021S1	A4-53			MBDDT2110	B-frame	
			400	MSMD041P1	A4-53		MSMD041S1	A4-53			MCDDT3120	C-frame	
	MQMA Low inertia Flat			100	MQMA011P1	A4-59	MFECA 0**0EAM	MQMA011S1	A4-59	MFECA 0**0EAE	MFECA 0**0EAD	MADDT1107	A-frame
				200	MQMA021P1	A4-59		MQMA021S1	A4-59			MBDDT2110	B-frame
Single phase 200V	MSMD Low inertia	3000	50	MSMD5AZP1	A4-55		MSMD5AZS1	A4-55			MADDT1205	A-frame	
			100	MSMD012P1	A4-55		MSMD012S1	A4-55			MADDT1207		
			200	MSMD022P1	A4-57		MSMD022S1	A4-57			MBDDT2210	B-frame	
			400	MSMD042P1	A4-57		MSMD042S1	A4-57			MCDDT3520	C-frame	
			750	MSMD082P1	A4-57		MSMD082S1	A4-57					
	MQMA Low inertia Flat			100	MQMA012P1	A4-61		MQMA012S1	A4-61			MADDT1205	A-frame
				200	MQMA022P1	A4-61		MQMA022S1	A4-61			MADDT1207	
				400	MQMA042P1	A4-61		MQMA042S1	A4-61			MBDDT2210	B-frame
	MSMA Low inertia			1000	MSMA102P1	A4-63		MSMA102S1	A4-63			MDDDT5540	
				1500	MSMA152P1	A4-63		MSMA152S1	A4-63				
	MDMA Middle inertia	2000		1000	MDMA102P1	A4-67		MDMA102S1	A4-67			MDDDT3530	D-frame
				1500	MDMA152P1	A4-67		MDMA152S1	A4-67				
	MGMA Middle inertia	1000		900	MGMA092P1	A4-73	MFECA 0**0EESD	MGMA092S1	A4-73	MFECA 0**0EASE	MFECA 0**0EESD	MDDDT5540	
				2000	400	MFMA042P1	A4-77		MFMA042S1	A4-77			MCDDT3520
	1500	MFMA152P1	A4-77			MFMA152S1	A4-77			MDDDT5540	D-frame		
	500	MHMA052P1	A4-81			MHMA052S1	A4-81			MCDDT3520	C-frame		
	1000	MHMA102P1	A4-81			MHMA102S1	A4-81			MDDDT3530	D-frame		
	MHMA High inertia			1500	MHMA152P1	A4-81		MHMA152S1	A4-81			MDDDT5540	D-frame
3-phase, 200V				MSMA Low inertia	3000	750	MSMD082P1	A4-57	MFECA 0**0EAM	MSMD082S1	A4-57	MFECA 0**0EAE	MFECA 0**0EAD
	1000	MSMA102P1	A4-63				MSMA102S1	A4-63			MDDDT5540	D-frame	
	1500	MSMA152P1	A4-63				MSMA152S1	A4-63					
	2000	MSMA202P1	A4-63				MSMA202S1	A4-63			MEDDT7364	E-frame	
	3000	MSMA302P1	A4-65				MSMA302S1	A4-65			MFDDTA390		
	4000	MSMA402P1	A4-65				MSMA402S1	A4-65			MFDDTB3A2	F-frame	
	MDMA Middle inertia	2000 (Note) 3		1000	MDMA102P1	A4-67		MDMA102S1	A4-67			MDDDT3530	D-frame
				1500	MDMA152P1	A4-67		MDMA152S1	A4-67			MDDDT5540	
				2000	MDMA202P1	A4-69		MDMA202S1	A4-69			MEDDT7364	E-frame
				3000	MDMA302P1	A4-69		MDMA302S1	A4-69			MFDDTA390	
				4000	MDMA402P1	A4-71		MDMA402S1	A4-71			MFDDTB3A2	F-frame
				5000	MDMA502P1	A4-71		MDMA502S1	A4-71			MGDDTC3B4	G-frame
MGMA Middle inertia	1000		900	MGMA092P1	A4-73		MGMA092S1	A4-73			MDDDT5540	D-frame	
			2000	MGMA202P1	A4-73	MFECA 0**0EESD	MGMA202S1	A4-73	MFECA 0**0EASE	MFECA 0**0EESD	MFDDTA390		
			3000	MGMA302P1	A4-75		MGMA302S1	A4-75			MFDDTB3A2	F-frame	
			4500	MGMA452P1	A4-75		MGMA452S1	A4-75			MGDDTC3B4	G-frame	
			6000	MGMA602P1	A4-75		MGMA602S1	A4-75					
			MFMA Middle inertia			400	MFMA042P1	A4-77		MFMA042S1	A4-77		
1500	MFMA152P1	A4-77					MFMA152S1	A4-77			MDDDT5540	D-frame	
2500	MFMA252P1	A4-79					MFMA252S1	A4-79			MEDDT7364	E-frame	
4500	MFMA452P1	A4-79					MFMA452S1	A4-79			MFDDTB3A2	F-frame	
MHMA High inertia	2000 (Note) 3		500	MHMA052P1	A4-81		MHMA052S1	A4-81			MCDDT3520	C-frame	
			1000	MHMA102P1	A4-81		MHMA102S1	A4-81			MDDDT3530	D-frame	
			1500	MHMA152P1	A4-81		MHMA152S1	A4-81			MDDDT5540		
			2000	MHMA202P1	A4-83		MHMA202S1	A4-83			MEDDT7364	E-frame	
			3000	MHMA302P1	A4-83		MHMA302S1	A4-83			MFDDTA390		
			4000	MHMA402P1	A4-83		MHMA402S1	A4-83			MFDDTB3A2	F-frame	
			5000	MHMA502P1	A4-83		MHMA502S1	A4-83					
			7500	MHMA752P1	A4-85		MHMA752S1	A4-85			MGDDTC3B4	G-frame	

Optional parts						
	Motor cable Note) 2	Motor cable (with brake) Note) 2	Brake cable Note) 2	Regenerative resistor	Reactor	Noise filter
				DV0P4283	DV0P220	DV0P4170
				DV0P4284	DV0P221	DV0P4180 DV0P4220
				DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P221	DV0P4220
				DV0P4280	DV0P227	DV0P4170
				DV0P4283	DV0P228	DV0P4180
				DV0P4282		
	MFMCB 0**0EED	—	MFMCB 0**0GET	DV0P4280	DV0P227	DV0P4170
				DV0P4283	DV0P228	DV0P4180
				DV0P4281	DV0P220	DV0P4170
				DV0P4283	DV0P221	DV0P4180
				DV0P4281	DV0P220	DV0P4170
				DV0P4283	DV0P221	DV0P4170
	MFMCD 0**2ECD			DV0P4284	DV0P222	DV0P4220
		MFMCB 0**2FCD	—			
	MFMCB 0**2ECD			DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCB 0**2ECD			DV0P4283	DV0P220	DV0P4180
				DV0P4284	DV0P222	DV0P4220
	MFMCB 0**0EED	—	MFMCB 0**0GET	DV0P4283	DV0P221	DV0P4180
	MFMCD 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4285	DV0P223	
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P224	DV0P3410
				X2 in parallel	DV0P225	
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4285	DV0P223	
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P225	DV0P3410
				X2 in parallel		
				DV0P4285 X4 in parallel		DV0P3410
	MFMCB 0**2ECD	MFMCB 0**2FCD	—	DV0P4284	DV0P222	DV0P4220
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P223 DV0P224	DV0P3410
				X2 in parallel		
				DV0P4285 X4 in parallel		
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4283	DV0P220	DV0P4180
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P224	DV0P4180
				X2 in parallel		
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4283	DV0P220	DV0P4180
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P224	DV0P3410
				X2 in parallel		
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4283	DV0P220	DV0P4180
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P224	DV0P3410
				X2 in parallel		
				DV0P4283	DV0P220	DV0P4180
	MFMCB 0**2ECD	MFMCB 0**2FCD		DV0P4284	DV0P222	DV0P4220
				DV0P4285	DV0P223	
	MFMCB 0**3ECT	MFMCB 0**3FCT		DV0P4285	DV0P224	DV0P3410
				X2 in parallel		
				DV0P4285 X4 in parallel		

● Carrying page

Options		Part No.	Carrying page
Instruction manual	Japanese	DV0P4200	—
	English	DV0P4210	—
Console		DV0P4420	A4-124
Setup support software, PANATERM®	Japanese	DV0P4460	A4-123
	English		
RS232 communication cable (for connection with PC)		DV0P1960	A4-119
RS485 communication cable (for connection with PC)		DV0P1970 DV0P1971 DV0P1972	A4-119
Interface cable		DV0P4360	A4-119
Connector kit for external equipment		DV0P4350	A4-118
Connector kit for motor and encoder		DV0P4290	A4-120
		DV0P4380	
		DV0P4310	
		DV0P4320	A4-121
		DV0P4330	
		DV0P4340	
	DV0PM20005 DV0PM20006	A4-122	
Battery for absolute encoder		DV0P2990	A4-126
Mounting bracket	Frame A	DV0P4271	A4-123
	Frame B	DV0P4272	
	Frame C	DV0P4273	
	Frame D	DV0P4274	
Encoder cable	MFECA0**0EAD	A4-115	
	MFECA0**0EAE		
	MFECA0**0EAM		
	MFECA0**0ESD		
	MFECA0**0ESE		
Motor cable	MFMCB0**0EED	A4-116	
	MFMCB0**2ECD		
	MFMCB0**3ECT		
	MFMCB0**2ECD		
	MFMCB0**3ECT		
Motor cable (with brake)	MFMCB0**2FCD	A4-117	
	MFMCB0**2FCT		
	MFMCB0**3FCT		
Brake cable	MFMCB0**0GET	A4-117	
Regenerative resistor	50 Ω, 25W	DV0P4280	A4-125
	100 Ω, 25W	DV0P4281	
	25 Ω, 50W	DV0P4282	
	50 Ω, 50W	DV0P4283	
	30 Ω, 100W	DV0P4284	
	20 Ω, 130W	DV0P4285	
Reactor		DV0P220 to DV0P228	A4-124
		DV0P4170 DV0P4180 DV0P4220 DV0P3410	A4-110
Surge absorber	Single phase 100V, 200V	DV0P4190	A4-111
	3-phase 200V	DV0P1450	
Noise filter for signal wire		DV0P1460	A4-111

Note) 1. □ represents the motor structure.

Note) 2. ** represents the cable length (specified value)

For details, refer to cable specifications (A4-113).

Note) 3. 7.5kW output type: 1500(r/min)