MINAS LIQI

AC Servo Motor Drivers

Easy – functional – effective

- Servo drive controllers and motors
- Rated power 50W to 1000W – 220VAC, single phase
- Positioning instructions via pulse trains
- Conf gure via USB using the software PANATERM®
- Damping f lter, notch f lter, and real-time auto-tuning function
- Easy yet multifunctional



Servo motor drives				
MINAS LIQI				
Power supply	220VAC Single phase	220VAC Single phase	220VAC Single phase	220VAC Single phase
Rated output	50W~200W	400W	750W	1000W
	MBDJT2207	MBDJT2210	MCDJT3220	
	D: 55.5 x H: 150 x W: 150		D: 65.5 x H: 150 x W: 190	

MINAS LIQI SERVO MOTOR (MSMD***J1*- low inertia) 50W to 1000W - 220VAC, single phase													
Motor type		Part no.	MSMD5AZJ1□		MSMD012J1□		MSMD022J1□		MSMD042J1□		MSMD082J1□		MSMD102J1□	
Servo motor drive	MINAS LIQI	Part no.	MBDJT2207						MBDJT2210		MCDJT3220			
	Frame	Type	B								C			
Rated output		W	50		100		200		400		750		1000	
Nominal torque (max.)		N m	0.16 (0.48)		0.32 (0.95)		0.64 (1.91)		1.3 (3.8)		2.4 (7.1)		3.2 (9.5)	
Rated rotational speed (max.)		min $^{-1}$	3,000 (5,000)								3,000 (4,500)		3,000 (4,000)	
Inertia (with brake)		x10^{-4} kg m^2	0.025 (0.027)		0.051 (0.054)		0.14 (0.16)		0.26 (0.28)		0.87 (0.97)		1.16 (1.26)	
Encoder	Pulses per revolution	p/r	2,500											
	Resolution		10,000											
Degree of protection			IP65 (excluding shaft feedthrough and connectors)											
Weight (with holding brake)		kg	0.32 (0.53)		0.47 (0.68)		0.82 (1.3)		1.2 (1.7)		2.3 (3.1)		2.8 (3.6)	
Motor with holding brake		with/ without	with-out	with	with-out	with	with-out	with	with-out	with	with-out	with	with-out	with
Overall length excluding shaft		mm	72	102	92	122	79.5	116	99	135.5	112.2	149.2	127.2	164.2
Shaft length		mm	25				30				35			
Shaft diameter		mm	8 h6				11 h6		14 h6		19 h6			
Flange diameter		mm	38				60				80			

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