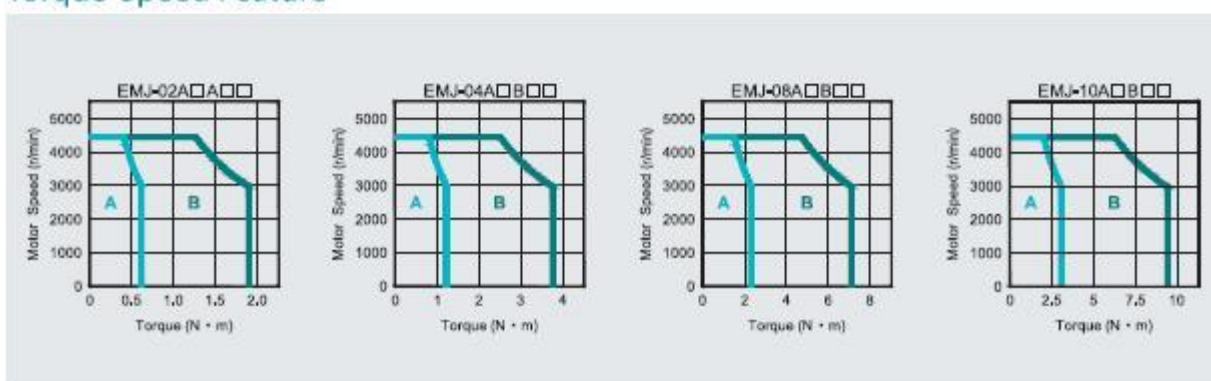


## Rated Value and Specification

Voltage		200VAC			
Servo Motor Model	EMJ-	02A□A□□	04A□B□□	08A□B□□	10A□B□□
Rated Output Power	kW	0.2	0.4	0.75	1.0
Rated Torque	N.m	0.64	1.27	2.39	3.18
Instantaneous Peak Torque	N.m	1.91	3.82	7.16	9.55
Rated Current	Arms	1.4	2.8	4.0	5.3
Instantaneous Max Current	Arms	4.2	8.4	12.0	15.9
Rated Speed	r/min	3000			
Max. Speed	r/min	4500			
Rotor Moment of Inertia	$\times 10^{-4} \text{kg} \cdot \text{m}^2$	0.19 (0.23)	0.31 (0.35)	1.35 (1.47)	1.74 (1.87)
Brake Rated Voltage		DC24V $\pm$ 10%			
Brake Rated Power	W	7.2		11.5	
Brake Holding Torque	N.m	1.3		3.2	
Encoder	Standard	Incremental Encoder: 131072P/R			
	Options	Absolute Encoder: 131072P/R Wire-saving Incremental Encoder (2500P/R)			
Insulation Class		F			
Ambient Temperature		0 to +40°C (no freezing)			
Ambient Humidity		20 to 80% RH (non-condensing)			
Vibration		49m/s <sup>2</sup>			
Enclosure		Totally Enclosed, Self-cooled, P65 (Except for shaft opening, when not equipped with oil seal; Except for connectors, when not equipped with waterproof connectors.)			

(Note) The values in parentheses are for servo motors with holding brakes.

## Torque-Speed Feature



A: Continuous Working Area B: Repeatedly Working Area

## Rated Value and Specification

Voltage		200VAC / 400VAC						
Servo Motor Model	EMG-	10A□A□□	10D□A□□	15A□A□□	15D□A□□	20A□A□□	30A□A□□	50A□A□□
Rated Output Power	kW	1.0	1.0	1.5	1.5	2.0	3.0	5.0
Rated Torque	N.m	4.78	4.78	7.16	7.16	9.55	14.3	23.9
Instantaneous Peak Torque	N.m	14.3	14.3	21.5	21.5	28.7	43.0	71.6
Rated Current	Arms	6.0	3.0	9.0	4.8	12.0	18.0	28.0
Instantaneous Max. Current	Arms	18.0	9.0	27.0	14.4	36.0	54.0	84.0
Rated Speed	r/min	2000						
Max. Speed	r/min	3000						
Rotor Moment of Inertia	$\times 10^{-4} \text{kg} \cdot \text{m}^2$	10.0 (10.6)		14.5 (15.1)		19.0 (19.6)	41.3 (44.5)	65.7 (68.9)
Brake Rated Voltage		DC24V $\pm$ 10%						
Brake Rated Power	W	19						35
Brake Holding Torque	N.m	10						40
Encoder	Standard	Incremental Encoder: 131072P /R				Absolute Encoder: 131072P /R		
	Options	Absolute Encoder: 131072P /R Resolver Wire-sawing Incremental Encoder (2500P /R)				Resolver		
Insulation Class		F						
Ambient Temperature		0 to +40°C (No freezing)						
Ambient Humidity		20 to 80% RH (Non-condensing)						
Vibration		24.5m/s <sup>2</sup>						
Enclosure		Totally Enclosed, Self-cooled, IP65 (Except for shaft opening, when notequipped with oil seal.)						

(Note) The values in parentheses are for servo motors with holding brakes.

## Torque-Speed Feature

