

## Servo Motor's Characteristics 3

Servo Motor Model (APM-□□□□□)	SE09A	SE15A	SE22A	SE30A	SE06D	SE11D	SE16D	SE22D
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Flange Size (□)		□130							
Rated Power	[kW]	0.9	1.5	2.2	3.0	0.6	1.1	1.6	2.2
Rated Torque	[N · m]	2.86	4.77	7.0	9.55	2.86	5.25	7.63	10.5
	[kgf · cm]	29.2	48.7	71.4	97.4	29.2	53.6	77.9	107.1
Maximum Instantaneous Torque	[N · m]	8.59	14.32	21.01	28.65	8.59	15.75	22.92	31.51
	[kgf · cm]	87.7	146.1	214.3	292.2	87.7	160.7	233.8	321.4
Rated rpm	[r/min]	3,000				2,000			
Maximum rpm	[r/min]	5,000				3,000			
Moment of Inertia	[kg · m <sup>2</sup> × 10 <sup>-4</sup> ]	6.659	11.999	17.339	22.679	6.659	11.999	17.339	22.679
	[gf · cm · s <sup>2</sup> ]	6.792	12.238	17.685	23.132	6.792	12.238	17.685	23.132
Allowable Load Inertia Ratio		10 times of motor inertia				10 times of motor inertia			
Rated Power Rate	[kW/S]	12.31	18.98	28.25	40.17	12.31	22.97	33.63	48.61
Speed, Position Transducer	Standard	Incremental 5V Line Drive 3,000P/R							
	Option	Absolute, Manchester communication							
Specification & Features	Protective Method	Totally enclosed, Non ventilated IP65(Excluding the shaft-through section and connectors.)							
	Rated Time	Continuous							
	Ambient Temp.	Operating Temp : 0~50[°C] · Storage Temp : -20~80[°C]							
	Ambient Humidity	Lower than 90[%](avoid condensation)							
	Atmosphere	Avoid direct sunlight, no corrosive gas, inflammable gas, oil mist, or dust							
E/V	Elevation/Vibration 49[m/s <sup>2</sup> ](5G)								
Weight	[kg]	5.6	7.2	8.7	10.2	5.6	7.2	8.7	10.2

## Rotation Speed-Torque's Characteristics

