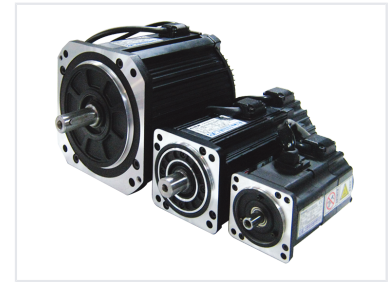


Servo Motor

This servo motor features optimal electromagnetic design for stable operation and high efficiency. It utilizes a high-accuracy photoelectric encoder and rare-earth permanent magnetism material for strong overloading capacity.



Overview

High-Performance Servo Motor

This servo motor is engineered with an optimized electromagnetic design to deliver low noise, stable operation, and high efficiency. Utilizing rare-earth permanent magnetism materials, it provides excellent low-speed characteristics and a robust 3x overloading capacity. Designed for precision, it features a 17-bit absolute high-accuracy photoelectric encoder and high-precision bearings to ensure reliable performance even in demanding high-speed applications.

Technical Specifications

Performance Features

- High torque inertial ratio
- Strong rapid response capacity
- Low vibration design
- High-precision dynamic rotor technology

Operating Conditions

-15°C to 40°C ambient temperature, Dust-resistant, Oil-mist resistant

Model Data

Type	Rated Power		Zero Torque (N.m)	Rated Torque		Top Torque (N.m)	Rated Velocity (r/min)	Top Velocity (r/min)	Revolving Inertia (kg·m ²)
	(kW)	Rated Current (A)		(N.m)	(N.m)				
60SJTR-MZ003E	0.1	1.2	0.318	0.318	0.955	3000	5000	5.05e-4	
60SJTR-MZ005E	0.16	1.65	0.5	0.5	1.5	3000	5000	6.07e-4	
80SJTR-MZ006E	0.2	2.9	0.637	0.637	1.91	3000	6000	2.71e-3	
80SJTR-MZ010E	0.3	3.1	1	1	3	3000	6000	1.36e-3	
80SJTR-MZ013E	0.4	3.3	1.27	1.27	3.81	3000	6000	1.88e-3	
150SJTRG-MZ040C	0.84	5.5	4	4	12	2000	3500	1.3e-2	
150SJTRG-MZ060C	1.26	8.6	6	6	18	2000	3500	4.6e-2	
150SJTRG-MZ080C	1.68	11.2	8	8	24	2000	3500	2.3e-2	
150SJTRG-MZ100C	2.1	14.3	10	10	30	2000	3500	1.4e-2	
150SJTRG-MZ120C	2.5	14.5	12	12	33.8	2000	2800	1.2e-2	

Performance and technical specifications for the available motor series.

Model Specifications

Model	Rated Power (kW)	Rated Current (A)	Rated Torque (N.m)	Rated Velocity (r/min)
60SJTR-MZ003E	0.1	1.2	0.318	3000
60SJTR-MZ005E	0.16	1.65	0.5	3000
80SJTR-MZ006E	0.2	2.9	0.637	3000
80SJTR-MZ010E	0.3	3.1	1	3000
80SJTR-MZ013E	0.4	3.3	1.27	3000
150SJTRG-MZ040C	0.84	5.5	4	2000
150SJTRG-MZ060C	1.26	8.6	6	2000
150SJTRG-MZ080C	1.68	11.2	8	2000
150SJTRG-MZ100C	2.1	14.3	10	2000
150SJTRG-MZ120C	2.5	14.5	12	2000