

MELSERVO-J5 SERIES


MELSERVO-J5 servo products set the standard for servo performance in the world of factory automation. Cutting-edge technology, industry-leading performance, and advanced servo features allow users to unlock unused potential in their machines and factories.

Take advantage of Mitsubishi Electric's complete line of automation products including PLC, HMI, inverters, CNC, and robots to build a complete system that meets your exact needs.



HIGH PERFORMANCE SERVO MOTORS

The MELSERVO-J5 Series provides industry-leading performance and precision in a compact footprint to meet a wide range of application needs. Featuring an expanded capacity range, single cable connection, and a 26-bit batteryless encoder. Sizing and selection is made easy with our new Motorizer sizing software and our servo selection tool.

 : Future release planned


| Series | Inertia | Motor Type | Power Supply | Capacity |
|------------|----------------|------------|--------------|----------|
| HK-KT | Low Inertia | HK-KT_W | 200 V AC | |
| | | | 400 V AC | |
| HK-KT_4-W | | 200 V AC | | |
| | | 400 V AC | | |
| HK-ST | Medium Inertia | HK-ST_W | 200 V AC | |
| | | | 400 V AC | |
| HK-SET_4_W | | 200 V AC | | |
| | | 400 V AC | | |

0.1 kW 1 kW 10 kW



FLEXIBLE SERVO AMPLIFIERS

MELSERVO-J5 Series amplifiers allow for high-speed precise control of MELSERVO-J5 Series motors. Built-in servo functions automatically tune an axis, suppress vibrations, predict failures, and enable easy trouble shooting and maintenance. Choose single, dual, and three axis configurations. This reduces servo system footprint, decreases settling time, simplifies wiring, and reduces the total cost of ownership (TCO) for a Mitsubishi Electric servo system.

 : Future release planned

| Model | Power Supply | Command Interface | Capacity |
|------------|--------------|--------------------------------|----------|
| MR-J5-G-RJ | 200 V AC | CC-Link IE Field TSN | |
| | 400 V AC | | |
| MR-J5W2-G | 200 V AC | | |
| MR-J5W3-G | 400 V AC | | |
| MR-J5-A | 200 V AC | Pulse Train/ Analog Voltage | |
| | 400 V AC | | |

0.1 kW 1 kW 10 kW 100 kW

