



Mitsubishi Electric

HF-KP73B

#discontinued - AC brushless rotary servo motor with straight shaft + built-in e/m brake + built-in absolute feedback encod. (18-bit) - Mitsubishi Electric (MELSERVO J3 - HF-KP series) - Rated output 750W / 0.75kW - 18-bit (equivalent to 260000ppr) feedback - Rated current 5.2A - Supply voltage 200Vac class - Rated torque 2.4Nm nominal - Rated rotational speed 3000rpm - 80x80mm flange mounting - IP65 - rated for 0...+40°C ambient - equivalent to HFKP73B

Specifications

Primary brand	Mitsubishi Electric
Main function	AC servo motor
Product series / family name	Industrial automation > Drive products > Servo systems > AC Servo motors > MELSERVO J3 series
Sub-range name	MELSERVO J3 - HF-KP series
Functions	AC brushless rotary servo motor
Design	straight shaft built-in e/m brake built-in absolute feedback encod. (18-bit) low inertia / small power capacity
Supply voltage (AC)	200Vac class
Rated current	5.2A 15.6A (max. current)
Rated active power (kW)	750W / 0.75kW
Rotational speed	3000rpm 6000rpm (maximum)
Torque	2.4Nm nominal
Maximum torque	7.2Nm
Moment of inertia	0.000163kg.m ² (1.63kg.cm ²)
Mounting mode	80x80mm flange mounting
Resolution	18-bit (equivalent to 260000ppr) feedback
Degree of protection	IP65

Dimensions	H96mm x W80mm x D197mm
Net Height (mm)	96 mm
Net Width (mm)	80 mm
Net Depth (mm)	197 mm
Ambient air temperature for operation	0...+40 °C
Ambient air temperature for storage	-15°C...+70 °C
Order code / Manufacturer SKU	HF-KP73B
Manufacturer product status	Discontinued
Equivalent to	HFKP73B
Manufacturer description	SRVMTR 750W BRAKE

Benefits

taking advantage of the characteristics of a servo motor such as smallness and high-output this motor serves as a compact and high-output spindle motor which is capable of high-speed rotation 6000rpm

Documents

[Mitsubishi Electric - MELSERVO J3 series - Catalogue.pdf](#)

[Mitsubishi Electric - MELSERVO J3 series - LM Linear servo - Catalogue.pdf](#)

[Mitsubishi Electric - MR-J3 Servo Brochure.pdf](#)