MPLB540KSJ72AA

Allen-Bradley Kinetix MPL Servo Motor 460VAC 4000 RPM 19.4Nm Single Turn Encoder No Brake Keyed

SERVO MOTORS AND CABLES



Component type	Electric servomotor
Range	MP
Model	N/A
Product status	Existing

The Allen-Bradley MP-Series™ Low Inertia (MPL) Servo Motors are a compact, brushless high torque motor ideal for the most demanding complex motion systems. Available in nine frame sizes to suit any application.

ELECTRICAL	Voltage class AC	400 V
COMMUNICATION	Feedback type	Single-turn high resolution
	Feedback resolution	Sin/Cos, 1024 cycles/rev
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
CONSTRUCTION	With brake	No
	Magnet stack (length)	101.6 mm
	Magnet stack (number of magnets)	40
	IP rating	IP50
MECHANICAL	Rotational speed	4000 1/min
	Max. torque	48.6 Nm
	Torque	19.4 Nm
	Max. shock acceleration	20 g
	Max. vibration frequency, operational	2000 Hz
	Max. vibration acceleration	2.5 m/s²
DIMENSIONS	Weight	15000 g
ENVIRONMENT	Operating temperature	0…40 °C
	Allowable relative humidity	5-95 %

Published on 08 August 2026