

MPLA310FHK72AA

Allen-Bradley Kinetix MPL Servo Motor 230VAC 3000 RPM
1.58Nm Incremental Encoder No Brake Keyless



Allen-Bradley

by ROCKWELL AUTOMATION
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	200.0 V
COMMUNICATION	Feedback type	2000 line incremental encoder
	Feedback resolution	2000 pulses/rev
CONSTRUCTION	With brake	No
	Magnet stack (length)	25.4 mm
	Magnet stack (number of magnets)	10
	Degree of protection (IP)	IP50
MECHANICAL	Rotational speed	3000.0 1/min
	Nominal torque	3.61 Nm
	Torque	1.58 Nm
	Shock acceleration (Max)	20.0 g
	Vibration frequency, operational (Max)	2000.0 Hz
DIMENSIONS	Vibration acceleration (Max)	2.5 m/s ²
	Weight	2.7 g
	Operating temperature	0 - 40 °C
	Allowable relative humidity	5 - 95 %
ENVIRONMENT	Ambient temperature	-30 - 70 °C