

# MPLB420PSJ72AA

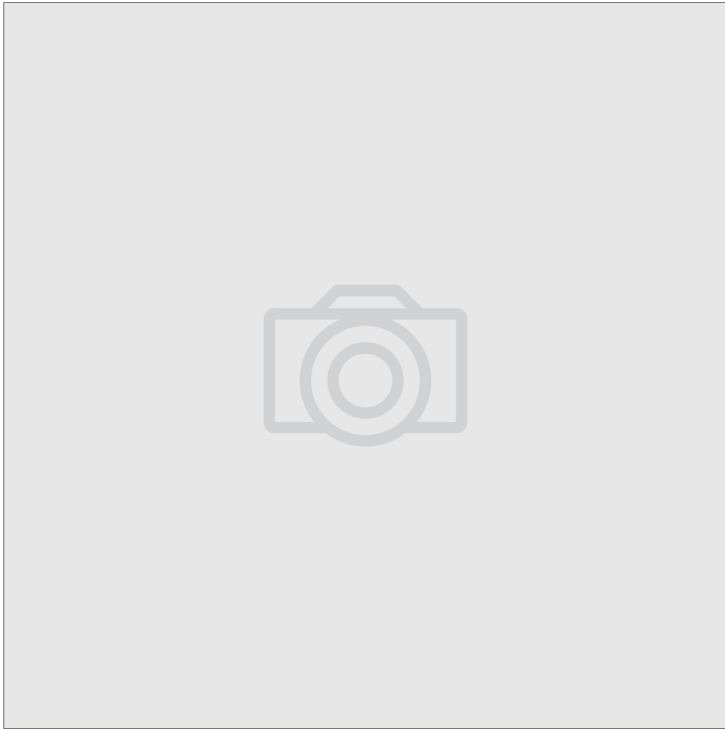
Allen-Bradley Kinetix MPL Servo Motor 460VAC 5000 RPM  
4.74Nm Single Turn Encoder No Brake Keyed



**Allen-Bradley**

by ROCKWELL AUTOMATION

SERVO MOTORS AND CABLES



<b>Component type</b>	Electric servomotor
<b>Range</b>	MP
<b>Model</b>	N/A
<b>Product status</b>	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.

<b>ELECTRICAL</b>	Voltage class AC	400.0 V
<b>COMMUNICATION</b>	Feedback type	Single-turn high resolution
	Feedback resolution	Sin/Cos, 1024 cycles/rev
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
<b>CONSTRUCTION</b>	With brake	No
	Magnet stack (length)	50.8 mm
	Magnet stack (number of magnets)	20
	Degree of protection (IP)	IP50
<b>MECHANICAL</b>	Rotational speed	5000.0 1/min
	Nominal torque	13.5 Nm
	Torque	4.74 Nm
	Shock acceleration (Max)	20.0 g
	Vibration frequency, operational (Max)	2000.0 Hz
<b>DIMENSIONS</b>	Vibration acceleration (Max)	2.5 m/s <sup>2</sup>
	Weight	4.3 g
<b>ENVIRONMENT</b>	Operating temperature	0 - 40 °C
	Allowable relative humidity	5 - 95 %
	Ambient temperature	-30 - 70 °C