

# MPMB2153FMJ72AA

Allen-Bradley Kinetix MPM Servo Motor 460VAC 3000 RPM  
45.0Nm Multi 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	Multi-turn high resolution encoder
	Feedback resolution	Sin/Cos, 1024 cycles/rev
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
<b>CONSTRUCTION</b>	With brake	No
	Magnet stack (length)	3.0 mm
	Magnet stack (number of magnets)	3
	Degree of protection (IP)	IP50
<b>MECHANICAL</b>	Rotational speed	3000.0 1/min
	Nominal torque	99.0 Nm
	Torque	6.55 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	44.6 g
<b>ENVIRONMENT</b>	Operating temperature	0 - 40 °C
	Allowable relative humidity	5 - 95 %
	Ambient temperature	-30 - 70 °C