

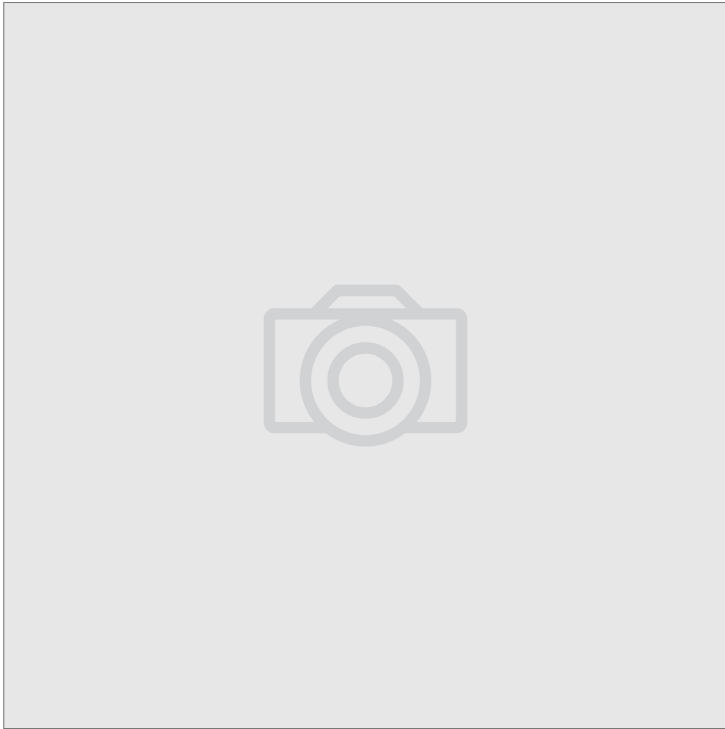
# MPSB4540FSJ52DA

Allen-Bradley Kinetix MPS SS Servo Motor 460VAC 3000 RPM  
8.1Nm 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>	<b>Voltage class AC</b>	400.0 V
<b>COMMUNICATION</b>	<b>Feedback type</b>	Single-turn high resolution
	<b>Feedback resolution</b>	Sin/Cos, 1024 cycles/rev
	<b>Feedback protocol</b>	HiperFace DSL Protocol/SSI Protocol
<b>CONSTRUCTION</b>	<b>With brake</b>	No
	<b>Magnet stack (length)</b>	101.6 mm
	<b>Magnet stack (number of magnets)</b>	40
	<b>Degree of protection (IP)</b>	IP66/IP67/IP69K
<b>MECHANICAL</b>	<b>Rotational speed</b>	3000.0 1/min
	<b>Nominal torque</b>	27.1 Nm
	<b>Torque</b>	19.4 Nm
	<b>Shock acceleration (Max)</b>	20.0 g
	<b>Vibration frequency, operational (Max)</b>	2000.0 Hz
<b>DIMENSIONS</b>	<b>Vibration acceleration (Max)</b>	2.5 m/s <sup>2</sup>
	<b>Weight</b>	13.0 g
<b>ENVIRONMENT</b>	<b>Operating temperature</b>	0 - 40 °C
	<b>Allowable relative humidity</b>	5 - 95 %
	<b>Ambient temperature</b>	-30 - 70 °C