

# TLA2530PBJ34AA

Allen-Bradley Kinetix 3 TL Servo Motor 230VAC 5000RPM  
2.60Nm Multi Turn with 24VDC Brake Keyed



**Allen-Bradley**

by ROCKWELL AUTOMATION  
SERVO MOTORS AND CABLES

<b>Component type</b>	Electric servomotor
<b>Range</b>	TL
<b>Model</b>	N/A
<b>Product status</b>	Existing



The Allen-Bradley Kinetix® TL-Series™ servo motors are the ideal solution for machine builders requiring a wide range of application needs. Available up to 15kW in the TLP Multi-Purpose servo motor range, and fitted with a 24-bit high-resolution absolute feedback option. Designed to seamlessly integrate with the Kinetix 5100 servo drive, and built for low-power applications.

<b>ELECTRICAL</b>	Voltage class AC	200.0 V
<b>COMMUNICATION</b>	Feedback type	Multi-turn high resolution encoder
	Feedback resolution	17-bit, 131,072 counts/rev
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
<b>CONSTRUCTION</b>	With brake	Yes
	Magnet stack (length)	76.2 mm
	Magnet stack (number of magnets)	30
	Degree of protection (IP)	IP65
<b>MECHANICAL</b>	Rotational speed	5000.0 1/min
	Nominal torque	5.2 Nm
	Torque	3.6 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	3.2 g
<b>ENVIRONMENT</b>	Operating temperature	0 - 40 °C
	Allowable relative humidity	5 - 95 %
	Ambient temperature	-30 - 70 °C