

TLA2540PBJ34AA

Allen-Bradley Kinetix 3 TL Servo Motor 230VAC 5000RPM
2.94Nm Multi Turn with 24VDC Brake Keyed



SERVO MOTORS AND CABLES



Allen-Bradley



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

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.

ELECTRICAL

Voltage class AC	200 V
Feedback type	Multi-turn high resolution encoder
Feedback resolution	17-bit, 131,072 counts/rev
Feedback protocol	HiperFace DSL Protocol/SSI Protocol

COMMUNICATION

CONSTRUCTION

With brake	Yes
Magnet stack (length)	101.6 mm
Magnet stack (number of magnets)	40
IP rating	IP65

MECHANICAL

Rotational speed	5000 1/min
Max. torque	7.1 Nm
Torque	2.94 Nm
Max. shock acceleration	20 g
Max. vibration frequency, operational	2000 Hz
Max. vibration acceleration	2.5 m/s ²

ENVIRONMENT

Operating temperature	0...40 °C
Allowable relative humidity	5-95 %