

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
COMMUNICATION	Feedback resolution	17-bit, 131,072 counts/rev
	Feedback protocol	HiperFace DSL Protocol/SSI Protocol
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 %