

Catalogue No: **TLY-A130T-HJ64AA**

SERVO MOTOR 6000RPM 0.32Nm INC ENCODER W/BRAKE KEYED TYP6

Automation Systems > Motion Systems > Servo Motors and Cables > Allen-Bradley TL Series Servo Motors > TLY-Series™ Servo Motors > TLY-Series™ 230V AC Servo Motors



Representative Photo Only
(actual product may vary based on configuration selections)

SERVO MOTOR 6000RPM 0.325Nm 2000 LINE INC W/BRAKE KEYED

- Tight position control with 17-bit resolution
- Multi-turn high-resolution feedback with battery backup available
- Controls high load-to-motor rotor inertia ratios while maintaining a stable system
- On-board memory retains motor identity
- Serial communication automatically reports identity to the drive
- 46 mm, 70 mm, 90 mm and 100 mm frame sizes
- Integral 24V brake option

SPECIFICATIONS

Product Series	TLY-Series
Component Type Motion Control	Rotary Servo Motor
Mounting, Motor	Flange Mount, Metric
Brake	Yes Y / N
Food Grade	No
Connector, Motor End	Circular Plastic (Type M6)
Built-in Cable	Yes Y / N
Length, Cable	1 m
Keyed Shaft	Yes Y / N
Feedback Type	Incremental Encoder / Counter type
Feedback Resolution	2000 pulses/rev resolution
Speed, Rated	6000 rpm
Speed, Max	6000 rpm
Magnet Stack Length	30 = 76.2mm
Frame Size	Frame 1 = 46mm size
Voltage Class	200 V AC
Shaft Seal	No Y / N
Special / Custom	No
Output Torque, Continuous	0.293 Nm, continuous
Output Torque, Peak	0.76 Nm
Compatible Drive Series'	Kinetix 6000 (Bul. 2094) compatible Kinetix 300 (Bul. 2097) Kinetix 350 (Bul. 2097) Kinetix 3 (Bul. 2071) Kinetix 2000 (Bul. 2093) Ultra 3000 (Bul. 2098)
Rated Power, Continuous	0.13 kW continuous
Rotor Inertia	6E-06 kg m ² , rotor
Operating Temperature, Max	40 °C max
Operating Temperature, Min	0 °C min

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Storage Temperature, Max	70 °C max
Storage Temperature, Min	-30 °C min
Relative Humidity, Min	5 %RH
Relative Humidity, Max	95 %RH
Weight	0.68 kg
IP Rating	IP65
Details, IP Rating	IP65 with optional shaft seal
Shock Acceleration (Max.)	20 g
Shock Duration (Max.)	6 ms
Vibration Acceleration (Max.)	2.5 m/s²
Vibration Frequency, Operational (Max.)	2000 Hz

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-