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ELECTRIC MOTOR REQUEST FORM

Type of technology: MOTOR AC

Caratteristiche Tecniche – Technical Characteristics

Motor Code:

Winding code: PSF31

Prestazioni e Specifiche -Performance and Specifications

Applied voltage	3x32 Vrms
Rated speed	2300 Rpm
Nominal Power	500 W
Nominal Torque	2.1 Nm
Nominal Current	30 Arms
Stall Torque	13.5 Nm
Stall Current	140 A
N. Poles	4
Connection	Δ
Winding resistance +/-5%	0.081 Ohm
Winding inductance	0.27 mH
Thermal constant	S2 60'
Thermal threshold	KTY84-130
Rotor Moment of Inertia	9.5 kgm ² x10 ⁻⁴

Trasduttore di velocità - Motor Feedback

Input voltage (+Vcc DC)	5 to 24Vcc
Number of output pulse	48 ppr
Canal A- Canal B	Shift 90 °

Altre Caratteristiche – Other Characteristics

Insulation Class	H
Ambient Temp.	0 to +40°C
Level of Protection	IP54
Enclosure	Totally enclose; self-cooled

Freno Opzionale - Brake Optional

Rated Voltage +/- 10 %	48 Vcc
Braking torque	5 Nm

Duty Cycle Curve PSF31

