

Company Name:

Country:

E-mail:

Telephone:

Main contact:

## ELECTRIC MOTOR REQUEST FORM

Type of technology: MOTOR AC

### Caratteristiche Tecniche – Technical Characteristics

Motor Code:

Winding code: PSF30

### Prestazioni e Specifiche -Performance and Specifications

Applied voltage	3x56 Vrms
Rated speed	2300 Rpm
Nominal Power	500 W
Nominal Torque	2.1 Nm
Nominal Current	16 Arms
Stall Torque	16 Nm
Stall Current	85 A
N. Poles	4
Connection	Δ
Winding resistance +/-5%	0.254 Ohm
Winding inductance	0.88 mH
Thermal constant	S2 60'
Thermal threshold	KTY84-130
Rotor Moment of Inertia	9.5 kgm <sup>2</sup> x10 <sup>-4</sup>

### 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 %	80 Vcc
Braking torque	10 Nm

Duty Cycle Curve PSF30

