



Specification

Model		36CBL30
1	n° of Pole	8
2	n° of Phase	3
3	Rated Voltage	V 24
4	Rated Speed	rpm 4800
5	Rated Torque	Nm 0,015
6	Max. Peak Torque	Nm 0,045
7	Torque Constant	Nm/A 0,03
8	Rated Current	A 0,5
9	Max. Peak Current	A 1,3
10	No-Load Current	mA 150
11	Line to Line Resistance	Ω 5,2
12	Line to Line Inductance	mH 3,3
13	Rotor Inertia	gcm ² 6
14	Length (L)	mm 30
15	Weight	Kg 0,12

Characteristics

Item	
Hall Effect Angle	120°
Shaft run out	0,025mm
Insulation Class	B
Protection Class	IP40
Radial play (450g load)	0,02mm
Axial play (450g load)	0,08mm
Max. Radial force (10mm from flange)	15N
Max. Axial force	10N
Dielectric strength (for 1 sec.)	600 VAC
Insulation Resistance (min. 500 VDC)	100 Mohm

Standard Combination

Gearbox	Drive
36JMS	Taurus
	Gemini

* other options on request

Connection

Lead n°	Color	Gauge	Function
1	Red	UL1430 AWG26	VCC Hall +5 to +24VDC
2	Blue		Hall A
3	Green		Hall B
4	White		Hall C
5	Black		GND Hall
6	Yellow	UL1430 AWG24	Phase U
7	Brown		Phase V
8	Orange		Phase W