



### Specification

Model		28CBL38
1	n° of Pole	8
2	n° of Phase	3
3	Rated Voltage	V 24
4	Rated Speed	rpm 4000
5	Rated Torque	Nm 0,028
6	Max. Peak Torque	Nm 0,084
7	Torque Constant	Nm/A 0,043
8	Rated Current	A 0,75
9	Max. Peak Current	A 2,3
10	No-Load Current	mA 300
11	Line to Line Resistance	Ω 5,7
12	Line to Line Inductance	mH 2,48
13	Rotor Inertia	gcm <sup>2</sup> 5,8
14	Length (L)	mm 38
15	Weight	Kg 0,095

### 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)	5N
Max. Axial force	2N
Dielectric strength (for 1 sec.)	500 VAC
Insulation Resistance (min. 500 VDC)	100 Mohm

### Standard Combination

Gearbox	Drive
28JMS	Taurus
	Gemini

\* other options on request

### Connection

Lead n°	Color	Gauge	Function
1	Red	UL1061 AWG28	VCC Hall +5 to +24VDC
2	Blue		Hall A
3	Green		Hall B
4	White		Hall C
5	Black		GND Hall
6	Yellow	UL1061 AWG26	Phase U
7	Red		Phase V
8	Black		Phase W