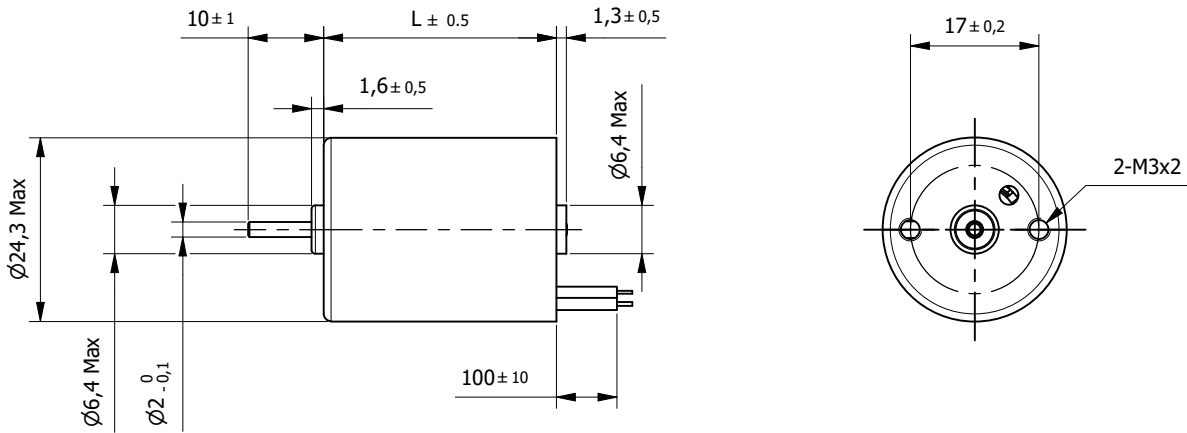




Motor with Sleeve Bearings

Specification		
Model		24CBL30
1	n° of Pole	12
2	n° of Phase	3
3	Rated Voltage	V 12
4	Rated Speed	rpm 4000
5	Rated Torque	Nm 0,006
6	Max. Peak Torque	Nm 0,017
7	Torque Constant	Nm/A 0,02
8	Rated Current	A 0,3
9	Max. Peak Current	A 0,9
10	No-Load Current	mA 200
11	Line to Line Resistance	Ω 7,3
12	Line to Line Inductance	mH 1,7
13	Rotor Inertia	gcm2 2,3
14	Length (L)	mm 30,8
15	Weight	Kg 0,04

Characteristics	
Item	
Hall Effect Angle	120°
Shaft run out	0,025mm
Insulation Class	B
Protection Class	IP40
Radial play (@4N)	0,025mm
Axial play (@4N)	0,2mm
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
22JMS	Taurus
	Gemini

* other options on request

Connection			
Lead n°	Color	Gauge	Function
1	Red	UL1430 AWG28	VCC Hall +5 to +24VDC
2	Blue		Hall A
3	Green		Hall B
4	White		Hall C
5	Black		GND Hall
6	Yellow	UL1430 AWG26	Phase U
7	Red		Phase V
8	Black		Phase W