

# **BO22(5W)**



## **Design**

BO2215 Series Motors are Brushless DC Out runner motors with 21mm diameter and 15mm height. These Motors are available with sensor and without sensor. Robust Ball bearings ensure excellent service life with ≥5000Hrs. Drivers are also available as an Add-On unit on special request. These motors are available in different speeds and different voltages on special request. In order to reduce motor height, we can use FFC cable also on the special request.

#### **Standard Data**

Motor Type		Outrunner Brushless dc motor	
Configuration		9N-8P	
Ambient Temperature Operation		-40°C to +100°C	
Storage & Transport Temperature		-60°C to +120°C	
Weight	g	22	
Electrical Enclosure	IP	40 (As per IEC 60529)	
Life expectancy		≥5000 hours @ Rated Torque	

#### **Available Customizations**

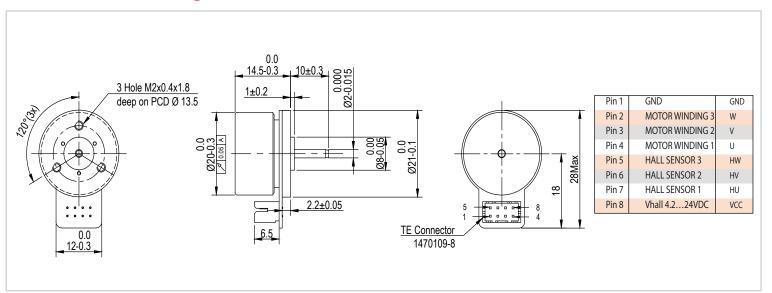
Sensorless
Customized motor speed
Dust cover (Upto IP 65 **)
26 AWG x 200mm ends tinned & stripped
FFC Output
Customized shaft

### **Technical Data**

MECHTEX	Physical data	No load data			Data at Rated Torque				Stall	
MODEL No.	Dia x height	Voltage	Speed	Current	Speed	Current	Torque	Power	Torque	Current
	mm	V DC	RPM	mA	RPM	mA	cNm	W(out)	cNm	Α
BO2215	21 X 15	12	9350	55	5120	700	0.7	3.5	1.8	1.6
	21 X 15	24	9280	26	5190	380	0.7	3.7	2	0.9

<sup>\*</sup>Other speeds & voltages on special request

## **Dimensional Drawing**



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<sup>\*\*</sup> On special request