

# 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  $\geq 5000$ Hrs. 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	°C	-40°C to +100°C
Storage & Transport Temperature	°C	-60°C to +120°C
Weight	g	22
Electrical Enclosure	IP	40 (As per IEC 60529)
Life expectancy		$\geq 5000$ 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 MODEL No.	Physical data Dia x height mm	No load data			Data at Rated Torque				Stall	
		Voltage V DC	Speed RPM	Current mA	Speed RPM	Current mA	Torque cNm	Power W(out)	Torque cNm	Current A
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

\*Other speeds & voltages on special request

\*\* On special request

## Dimensional Drawing

