

BO62(100W)



Design

BO6236 Series Motors are Brushless DC Outrunner motors with 60mm diameter and 36mm height. These Motors are available with sensor and without sensor. Robust Ball bearings ensure excellent service life with ≥ 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		12N-14P
Ambient Temperature Operation	°C	-40°C to +100°C
Storage & Transport Temperature	°C	-60°C to +120°C
Weight	g	355
Electrical Enclosure	IP	30 (As per IEC 60529)
Life expectancy		≥ 5000 hours @ Rated Torque

Available Customizations

Sensorless
Inbuilt driver
Customized motor speed
Dust cover (Upto IP 65 **)
Customized shaft
18/26 AWG x 200mm ends tinned & stripped
Hollow shaft for robotics and gimbal applications

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 A	Torque cNm	Power W(out)	Torque cNm	Current A
BO6236	60 X 36	12	3800	800	3230	8.7	26.5	106	340	111
	60 X 36	24	4360	600	3750	5.2	27.4	103	438	82

*Other speeds & voltages on special request

** On special request

Dimensional Drawing

