

BRUSHLESS DC MOTOR

SPECIFICATION SHEET

Model#	Speed	Output	Driver	Gearbox
TBL1422	Up to 960rpm	Up to 0.003W	External	
TBL1630	Up to 15565rpm	Up to 2.07W	External	PG-16
TBL1730	Up to 14500rpm	Up to 4.15W	External	PG-16
TBL2230	Up to 13800rpm	Up to 5.44W	External	PG22
TBL2243	Up to 40220rpm	Up to 49.45W	Internal	PG22
TBL2250DS	Up to 13870rpm	Up to 5.54W	Internal	PG22
TBL2644	Up to 6500rpm	Up to 14.50W	External	PG32
TBL2648	Up to 6500rpm	Up to 4.6W	Internal	PG32
TBL3056	Up to 6815rpm	Up to 29.45W	External	PG32
TBL3076DS	Up to 10170 rpm	Up to 16.26W	Internal	PG32
TBL3564	Up to 10000rpm	Up to 86.32W	External	PG42
TBL3575	Up to 6500 rpm	Up to 55.70W	Internal	PG42
TBL4373	Up to 7850rpm	Up to 126.39W	External	PG42
TBL5883	Up to 7300rpm	Up to 180W	External	PG42
TBL63125	Up to 3950rpm	Up to 393.33W	External	
TBL8488DS	Up to 2030rpm	Up to 100.33W	External	

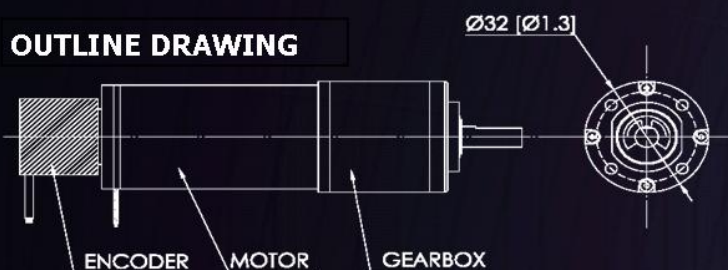
Features:

- Wide range size selections
- Long life, compact size, high speed and high-efficiency
- Ideal for high performance applications
- Quite, efficient and smooth operation
- **2 lead wire BLDC motor available**

Accessories:

- Integrated/external drives
- Precision gearheads
- Encoders
- Driver electronics

OUTLINE DRAWING



Applications include:

- Fuel Controls
- Missile Fin Actuators
- Centrifuge
- Dental Surgical Tools
- **Respirators (CPAP)**
- **R/C Model Airplanes**
- Pumps
- Semiconductor Equipment
- Robotics
- Antenna Position Devices
- X-Y and Rotary Positioning Equipment
- Integrated Assembly Applications

NEMA FRAME SIZE BLDC

- NEMA frame sizes: **17, 23, 34 & 42**
- 8 to 708 oz-in continuous torque
- High torque for industrial applications
- High performance neodymium magnets
- BLDC motor driver available
- Options include gearbox, optical encoder, shielded cables and turnkey assemblies
- Customization available

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