



Permanent-Magnet DC Motor + Dual Encoder



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Type: TO3L-DP11

Brand: Minertia (Yasakawa - Japan)
OEM #: 326833-2; 801977-001 (typical)

Frame: Round/Circular (see makers data)
Volts: 22.5Vdc (nominal)
Current: 4.5 Amp
Output: 100 Watts (nominal)
RPM: 1840 rpm @ 22.5V (no-load)
Torque: ____ Nm @ ____ A (____ oz.in.)
Rating: continuous (forced air recommended)
Resistance: ____ Ohms / phase (nominal)
Wires: 2 wire (100mm nominal)
Shaft: 10.0 mm dia x 21mm long
Shaft-Detail: Plain + 2 flats @ 90 deg.
Size: 70 x 140mm (nominal)
Weight: 1.33kg

Encoder : 3240 + 1920 lines
 (32000 x 60/1000 = 1920 lines)
 (54000 x 60/1000 = 3240 lines)
Wires: 6 wire (100mm + nominal)

Condition: Used (refurbished / tested)

Comments: choose the encoder resolution to suit application needs (32000/54000 pps = 1000rpm)

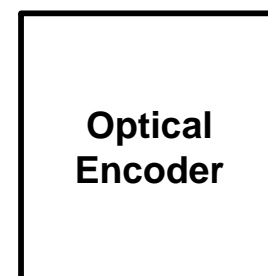
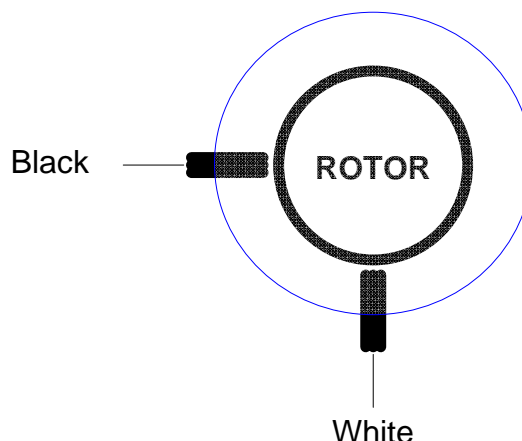
Stall-Current (test-only):

1.2 A @ 2 V
 1.8 A @ 3V
 3.2 A @ 4V
 ____ A @ 7V
 ____ A @ 10V
 ____ A @ 12V

Model: 245-711-001

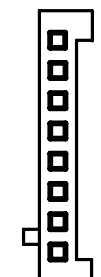
Disc: 801992-001

OEM: 1214659-0-0



Black = 0V
 Red = + 5Vdc
 Blue = "A" phase
 White = "B" phase
 Green = "A1" phase
 Orange = "B1" phase

Note: from a Gecko-320 this motor delivers 1000rpm when 'speed' set to 32000pps (low) set to 54000pps (high)



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