

Permanent-Magnet DC Motor & Encoder



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Edition: 09/07/2011



Type: 9928008

Model: 245-711-001

Brand: ?

Disc: 801992-001

OEM: 1214659-0-0

Brand: Hathaway (USA)
OEM #: 801977-001 (typical)
Frame: Round/Circular
Volts: 24Vdc (nominal)
Current: 0.75A (cont.) 4.5 Amp peak
Output: 100 Watts (nominal)
RPM: 2200 @ 24V (no-load)
Torque: ____ Nm @ ____ A (____ oz.in.)
Rating: continuous
Resistance: ____ Ohms / phase (nominal)
Wires: 2 wire (50mm nominal)
Shaft: 10.0 mm dia x 21mm long
Shaft-Detail: Plain + 2 flats
Size: 70 mm dia. x 137 mm (nominal)
Weight: 2.0kg (without optional angle bracket)

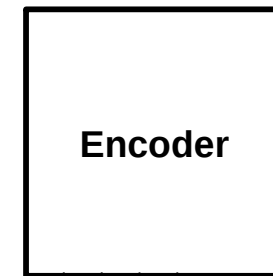
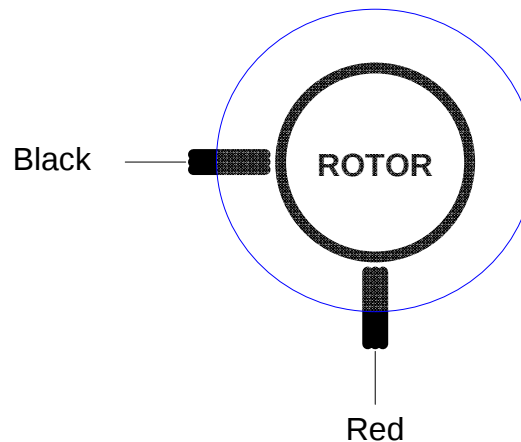
Encoder: 3240 lines (&/or 1920 lines)
Wires: 6 wire (600 mm + nominal) + screen

Condition: Used (refurbished / tested)

Comments: 2 encoder gratings.....
i) Bu/Wh: 32000 pps = 1000rpm = 1920 lines
(32000x60 = 1920000ppm / 1000)
ii) Gn/Or: 54000ppp = 1000rpm = 3240 lines
(54000x60 = 3240000ppm / 1000)

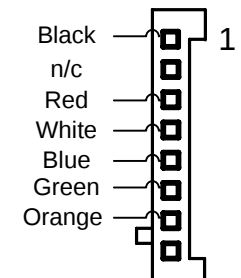
Stall-Current (test-only):

____ A @ 10V
____ A @ 15V
____ A @ 20V



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

Note: from a Gecko-320 this motor delivers 1000rpm when Phase "A" 'speed' set to 32000pps



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