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Permanent-Magnet DC Motor + Encoder



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Edition: 18/10/2012

Type: UGFMED-B9ECY11-Minertia

General Data

Type: UGFMED-B9ECY11-Minertia

Brand: Minertia (Yaskawa - Japan)

OEM #:

Frame: Round/Circular (see makers data)

Volts: 24Vdc (nominal)

Current: ? Amp

Output: ? Watts (nominal)

RPM: 2120 rpm @ 20.0V (no-load)

Torque: ____ Nm @ ____A (____ oz.in.)

Rating: continuous

Resistance: 9.5 Ohms (nominal)

Wires: 2 wire (up to 500mm nominal)

Connector: Molex MXC 2 pin (if still fitted)

Shaft: 8.0 mm dia x 22.7mm long

Shaft-Detail: Plain.

Size: 50 x 103mm (nominal)

Weight: 760g

Encoder : 2400 lines

(24,000 x 60/600 = 2,400 lines)

Wires: 6 wire (370mm nominal)

Connector: Molex MXH 7 pin

Condition: Used (refurbished / tested)

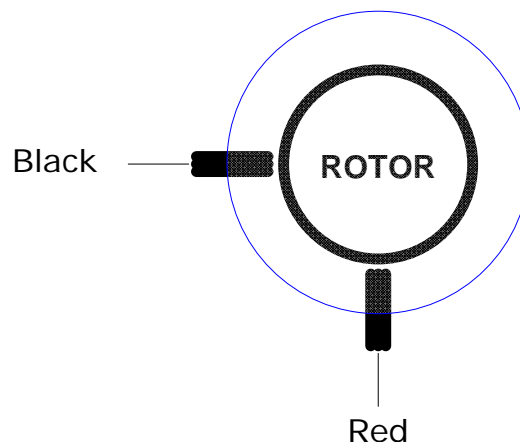
Comments: choose the encoder resolution to suit application needs (40000pps = 1000rpm)

Stall-Current (test-only):

0.21 A @ 2 V

0.31 A @ 3V

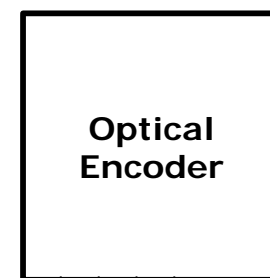
0.42 A @ 4V



Model: KU-11

Disc: GP8309006

OEM: -



Brown = 0V

Violet = + 5Vdc

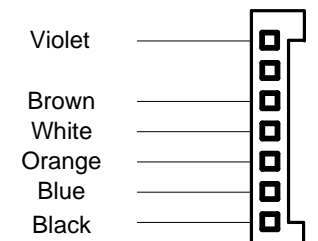
Orange = "A" phase

Blue = "B" phase

Black = Shield

White = LED

Note: from a Gecko-320 this motor delivers 1000rpm when 'speed' set to 40,000pps



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