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Permanent-Magnet DC Motor + Encoder



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Type: UGFMED-B9ECY11-Minertia

Model: KU-11
Disc: GP8309006
OEM: -

General Data

Type: UGFMED-B9ECY11-Minertia
Brand: Minertia (Yaskawa - Japan)
OEM #:

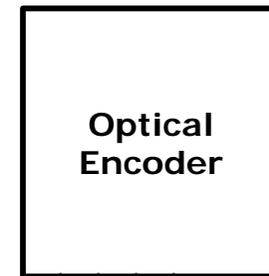
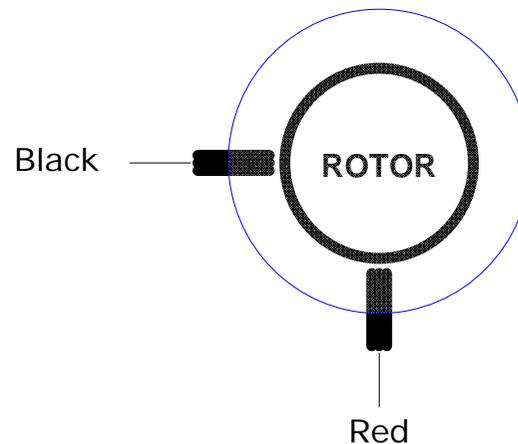
Frame: Round/Circular (see makers data)
Volts: 24Vdc (nominal)
Current: ? Amp
Output: ? Watts (nominal)
RPM: 2120 rpm @ 20.0V (no-load)
Torque: ___ Nm @ ___A (___ oz.in.)
Rating: continuous
Resistance: 9.5 Ohms (nominal)
Wires: 2 wire (up to 500mm nominal)
Connector: Molex MXC 2 pin (if still fitted)
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



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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