

Permanent-Magnet DC Motor + Encoder



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Edition: 8/06/2014

Type: TO3L-TL11-Minertia



General Data

Type: TO3L-TL11-Minertia
Brand: Minertia (Yaskawa - Japan)
OEM #: 700432-1~8 (typical) – 2B
Frame: Round/Circular
Volts: 22.5Vdc (nominal)
Current: 6? Amp
Output: 150? Watts (nominal)
RPM: 1850~1920 @ 22.5V (no-load)
Torque: ___ Nm @ ___ A (___ oz.in.)
Rating: continuous
Resistance: 1.6 Ohms / phase (nominal)
Wires: 2 wire (+ optional white-bridge-link)
Shaft: 9.6 mm dia x 26mm long
Shaft-Detail: Plain + 1 flat
Size: 70 x 135mm (nominal)
Weight: 2.0kg

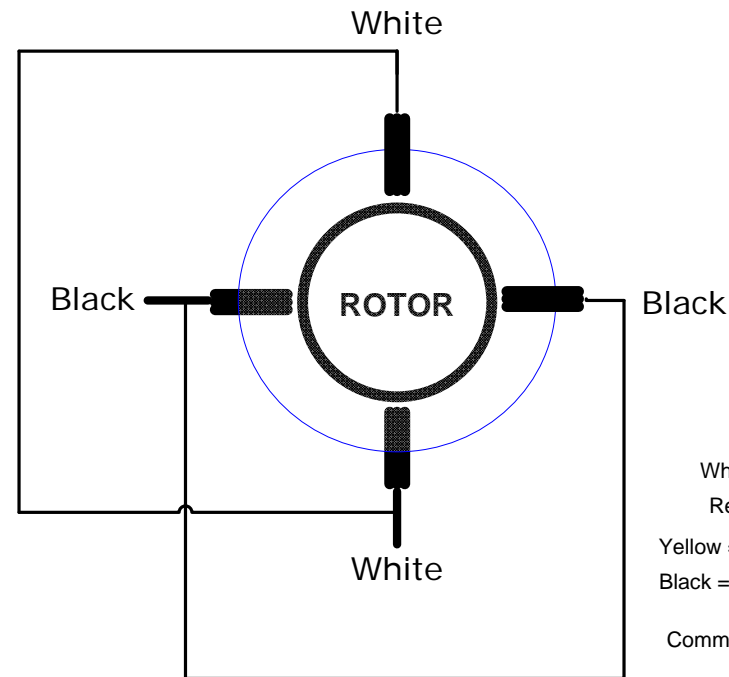
Encoder / Tachometer: ___?___ line
Wires: 4 wire + screen (900mm + nominal)
may have 7 pole connector fitted

Condition: Used (refurbished / tested)

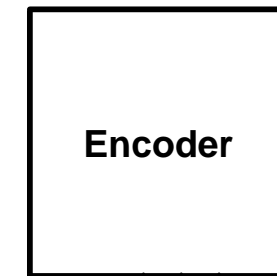
Comments: xxxxxx pps = 1000rpm

Stall-Current (test-only):

1.0 A @ 1.6 V
2.0 A @ 3.5V
___ A @ 5V
___ A @ 7V
___ A @ 10V
___ A @ 12V

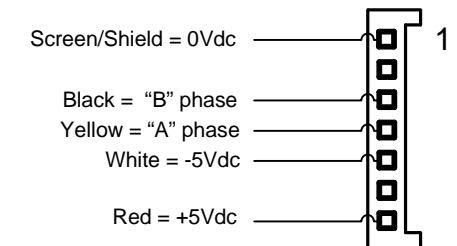


Model: CP 204-360-02
OEM: 610395-02



White = -5Vdc
Red = +5Vdc
Yellow = "A" phase
Black = "B" phase
Common = 0Vdc

Note: quadrature signal
may need some post-
processing so from a
Gecko - 320 this motor is
as-yet un-tested (delivers
1000rpm when 'speed'
set to xxxppps)



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