

# Permanent-Magnet DC Motor & Encoder



<http://www.casa.co.nz>

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)

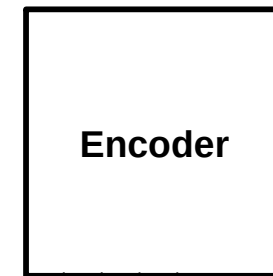
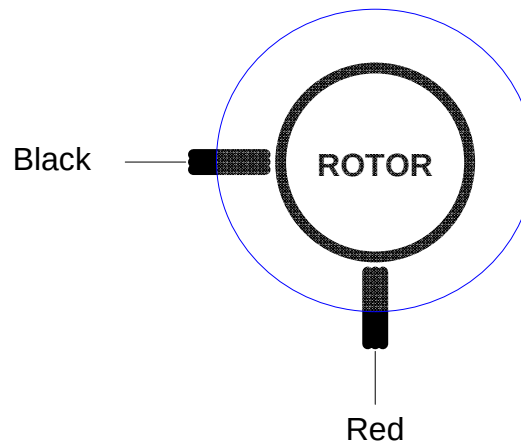
**Encoder:** 3240 lines (&/or 1920 lines)  
**Wires:** 6 wire (600 mm + nominal) + screen

**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)

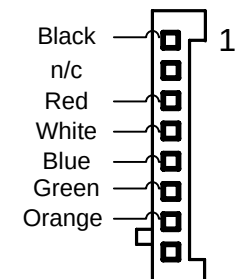
**Stall-Current** (test-only):

\_\_\_\_ 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



NOTICE – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (expressed or implied) for any errors or the consequence thereof.