

# Brushless DC Motor



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

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## Type: LBT79-002-Copal



**Stock #**

### General Data

**Type:** LBT79-002  
**Brand:** Copal  
<http://www.nidec-copal-usa.com/>  
**Style:** 80mm diameter motor  
**OEM #:** PN12-60119-01  
**Frame:** Open-Pancake with control PCB attached

**Voltage:** 12 Vdc.  
**Current:** 2.5A  
**Output:** 30 Watts (estimated)  
**Voltage-Constant:** NA  
**RPM:** 0-?k rpm (control signal dependant)  
**Torque:** \_\_\_ inch lb.@ \_\_\_  
**Rating:** Continuous duty.  
**Resistance:** NA Ohms (nominal)  
**Inductance:** NA mH  
**Connector:** 10 pin AMP SIL 0.1"  
**Wires:** 9 x 95mm (ribbon)  
**Shaft:** 3mm projection tapped.  
**Shaft-Detail:** 15.25mm OD dia boss x 3mm long  
11.3mm recess x 2.7mm deep tapped M4.  
**Size:** 119mm x 83mm x 25mm (nominal)  
**Weight:** 400 g.

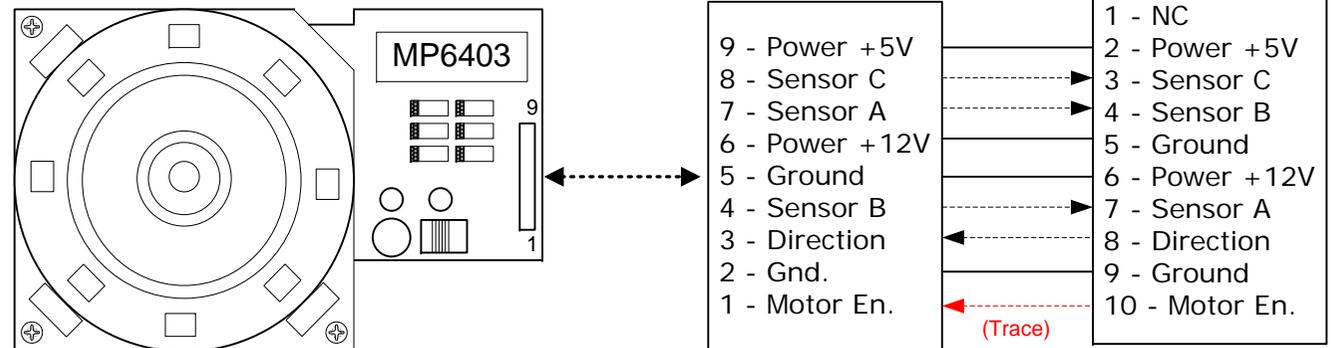
**Encoder:** NA  
**Wires:** NA

**Condition:** Used

**Comments:** DLT Tape Drive Motor as fitted to  
Quantum and various other DLT drives.

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

### Motor Drive Connections



### Drawing:

A mechanical drawing has been processed by CASA for customer use and supplied upon customer's request. PDF, DXF or PRT etc.

### NOTE

All inputs & outputs (commands and sensors etc) appear to be driven by standard TTL logic-levels (0~5Vdc)

For further information refer to the IC manufacturer's data sheets in particular for these 2 types.

uPC1246c and MP6403

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