

Brushless DC Motor



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

Edition: 21/10/2012

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

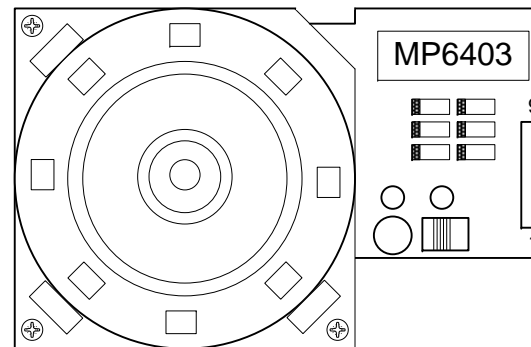
Comments: DLT Tape Drive Motor as fitted to
Quantum and various other DLT drives.

Stall-Current (test-only): NA

Motor Drive Connections

PC Board

Cable Plug



9 - Power +5V
8 - Sensor C
7 - Sensor A
6 - Power +12V
5 - Ground
4 - Sensor B
3 - Direction
2 - Gnd.
1 - Motor En.

1 - NC
2 - Power +5V
3 - Sensor C
4 - Sensor B
5 - Ground
6 - Power +12V
7 - Sensor A
8 - Direction
9 - Ground
10 - Motor En.

(Trace)

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

Drawing:

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

NOTICE – the information on this page is not guaranteed for accuracy – CASA accepts no responsibility (neither expressed nor implied) for any errors or the consequence therefrom.