

Permanent-Magnet DC Motor



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

Edition: 11/07/2011

Type: NisseiDenki



12345-wizard.com

Brand: Nissei-Denki (Japan)

<http://www.nissei-denki.co.jp>

OEM #: 8I22 (date-code - typical)

Frame: Round

Volts: 4~12 Vdc (nominal)

Current: 0.2~0.87 A (cont.) 1 Amp peak

Output: ? Watts (nominal/estimated)

RPM: 1150 @ 6V (no-load)

Torque: ___ Nm @ ___A (___ oz.in.)

Rating: continuous

Resistance: ___ Ohms / phase (nominal)

Wires: 2 wire (solder lug or 300mm nominal)

Shaft: 2.5 mm dia x 9 mm long

Shaft-Detail: Plain (optional brass-gear)

Size: 36 mm dia. x 43 mm (nominal)

Weight: 90 gms

Condition: Used (refurbished / tested)

Comments: low-cost DC motor for light-duty applications – has bronze-bushes both ends.

Table of Speeds: See below

Stall-Current (test-only):

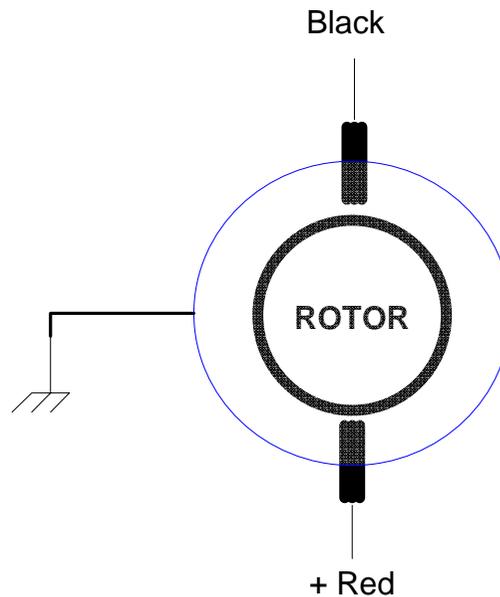
300mA @ 5V (950rpm)

400mA @ 6V (1150rpm)

500mA @ 8V (1800rpm)

600mA @ 10V (2300rpm)

1A @ 12V (2800rpm)



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