

# Permanent-Magnet DC Motor



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

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## Type: NisseiDenki



**Brand:** Nissei-Denki (Japan)

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

**OEM #:** 8l22 (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):

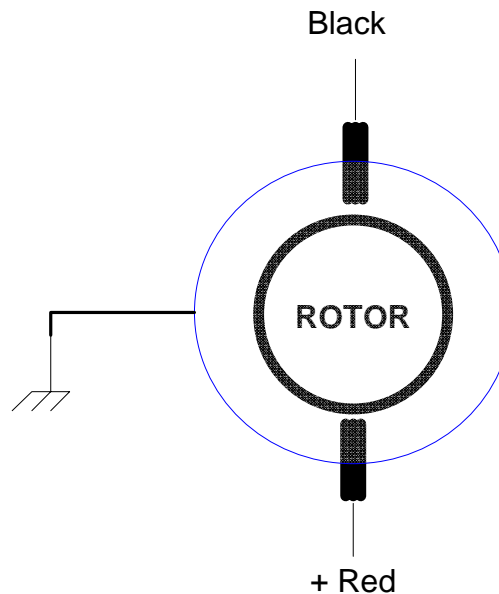
300mA @ 5V (950rpm)

400mA @ 6V (1150rpm)

500mA @ 8V (1800rpm)

600mA @ 10V (2300rpm)

1A @ 12V (2800rpm)



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