

Permanent-Magnet DC Motor + Tachometer


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Type: 13.65.32-Buehler

General Data

Type: 13.65.32

Brand: Buehler (USA) or Tandon

OEM #: 13.65.32 or 36 (with alloy sleeve)

Frame: Round/Circular

- Volts: 12Vdc (5~20V nominal)
- Current: 0.15A (cont.) 0.35 Amp peak?
- Output: 2~4 Watts (nominal)
- RPM: 3000 @ 12V (no-load)
- Wires: 4 wire (50mm nominal – may be fitted with connector)

Shaft: 2.5 mm dia x 10mm long with small flat-belt pulley (option)

Shaft-Detail: Plain

Size: 34 mm dia. x 57 mm (nominal)

Weight: 0.155kg

- Tachometer: 5~25V (xV/1000rpm)
- Wires: 2 wire (50 mm + nominal) + optional connector (if fitted)
- Fixing: 2 x 6:32UNC tapped holes in drive end

Further Data: ftp://ftp.eng.auburn.edu/pub/hungjoh/ELEC_3040/Buehler_motor.pdf

Condition: Used (refurbished / tested)

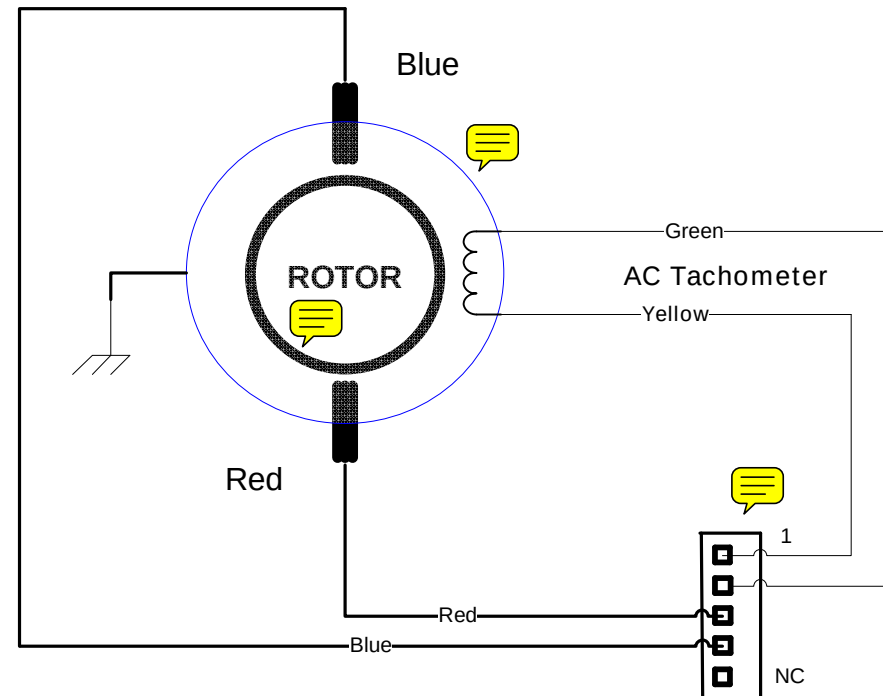
Comments: low-cost DC motor for light-duty applications – has bronze-bushes both ends.

Table of Speeds: See below

Stall-Current (test-only):

600mA @ 5V (2000rpm)

1.5A @ 10V (3000rpm)



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