

JOHNSON ELECTRIC ENGINEERING LTD.

6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor
Curve No : NF213SG-20703

Winding : 0.09 - 500

Date : 31/05/2000

Model :

Full Scales :
0.50 Amp
5.00 Watts



Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **13.50** Volts
with a circuit resistance **0.000** Ohm

(At the ambient temperature of 25-30 deg C)

At No Load

Speed : 5977 Rpm
Current : 0.038 Amp

At Stall (Extrapolated)

Torque : 7.71 m-Nm
Current : 0.45 Amp

At Maximum Efficiency

Efficiency : 47.95 %
Torque : 1.77 m-Nm
Speed : 4602 Rpm
Current : 0.13 Amp
Output : 0.85 Watts

At Maximum Power

Torque : 3.86 m-Nm
Speed : 2989 Rpm
Current : 0.24 Amp
Output : 1.21 Watts

Characteristics

Torque Constant : 18.8710 m-Nm/Amp
Dy. Resistance : 30.2170 Ohms
Motor Regulation : 774.8250 Rpm/m-Nm

COMPUTER PRINT-OUT
NOMINAL MOTOR CURVES.
Performance and characteristics are measured based on limited motor samples only.

Reference no : 42220