

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 : NF213G-20513

Winding : 0.10 - 430

Date : 04/27/1999

Model :
Full Scales : 0.50 Amp
5.00 Watts

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **12.00** Volts
with a circuit resistance **0.000** Ohm

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

At No Load
Speed : 3915 Rpm
Current : 0.020 Amp

At Stall (Extrapolated)
Torque : 11.78 m-Nm
Current : 0.46 Amp

At Maximum Efficiency

Efficiency : 59.53 %
Torque : 2.00 m-Nm
Speed : 3249 Rpm
Current : 0.10 Amp
Output : 0.68 Watts

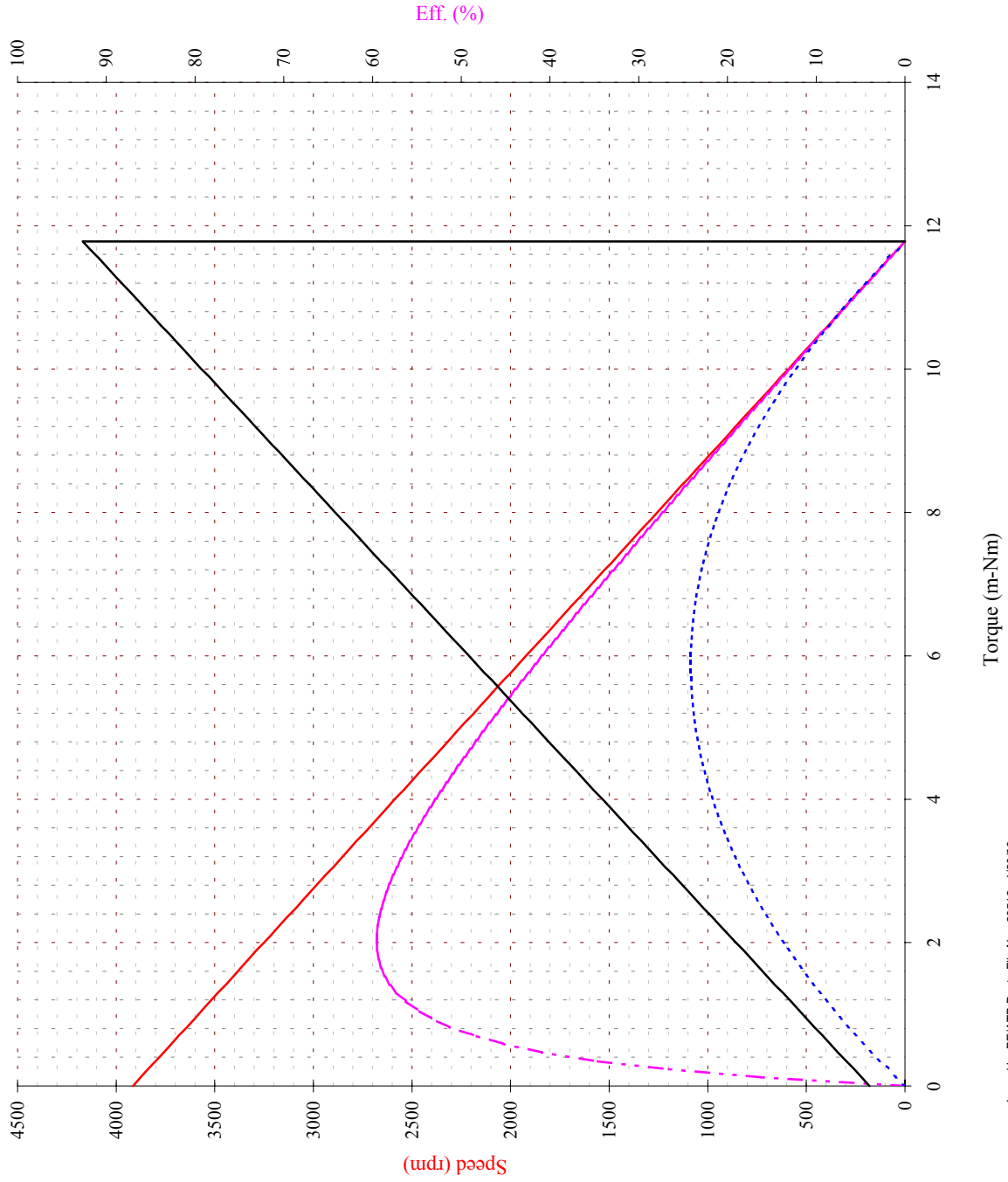
At Maximum Power

Torque : 5.89 m-Nm
Speed : 1958 Rpm
Current : 0.24 Amp
Output : 1.21 Watts

Characteristics

Torque Constant : 26.5820 m-Nm/Amp
Dy. Resistance : 25.9050 Ohms
Motor Regulation : 332.2870 Rpm/m-Nm

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



Reference no : 29361