

JOHNSON ELECTRIC ENGINEERING LTD.

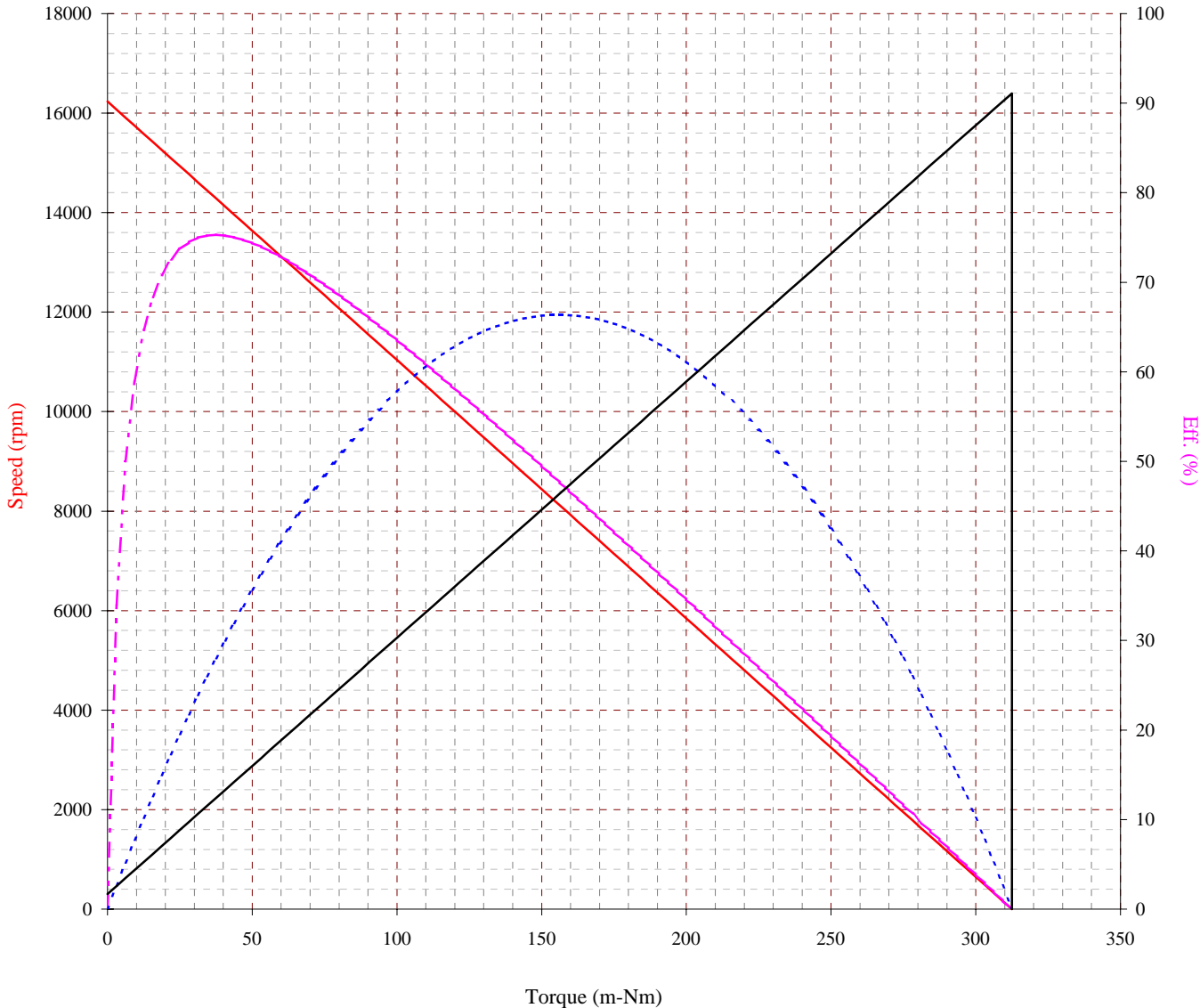
6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor
Curve No : HC683LG-66530

Winding : 0.65 - 34

Date : 04/27/1999
Model :

Full Scales :
50.00 Amp
200.00 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 : 16234 Rpm
Current : 0.840 Amp

At Stall (Extrapolated)

Torque : 312.48 m-Nm
Current : 45.55 Amp

At Maximum Efficiency

Efficiency : 75.29 %
Torque : 37.50 m-Nm
Speed : 14286 Rpm
Current : 6.21 Amp
Output : 56.06 Watts

At Maximum Power

Torque : 156.24 m-Nm
Speed : 8117 Rpm
Current : 23.20 Amp
Output : 132.72 Watts

Characteristics

Torque Constant : 6.9890 m-Nm/Amp
Dy. Resistance : 0.2630 Ohms
Motor Regulation : 51.9520 Rpm/m-Nm

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