

JOHNSON ELECTRIC ENGINEERING LTD.

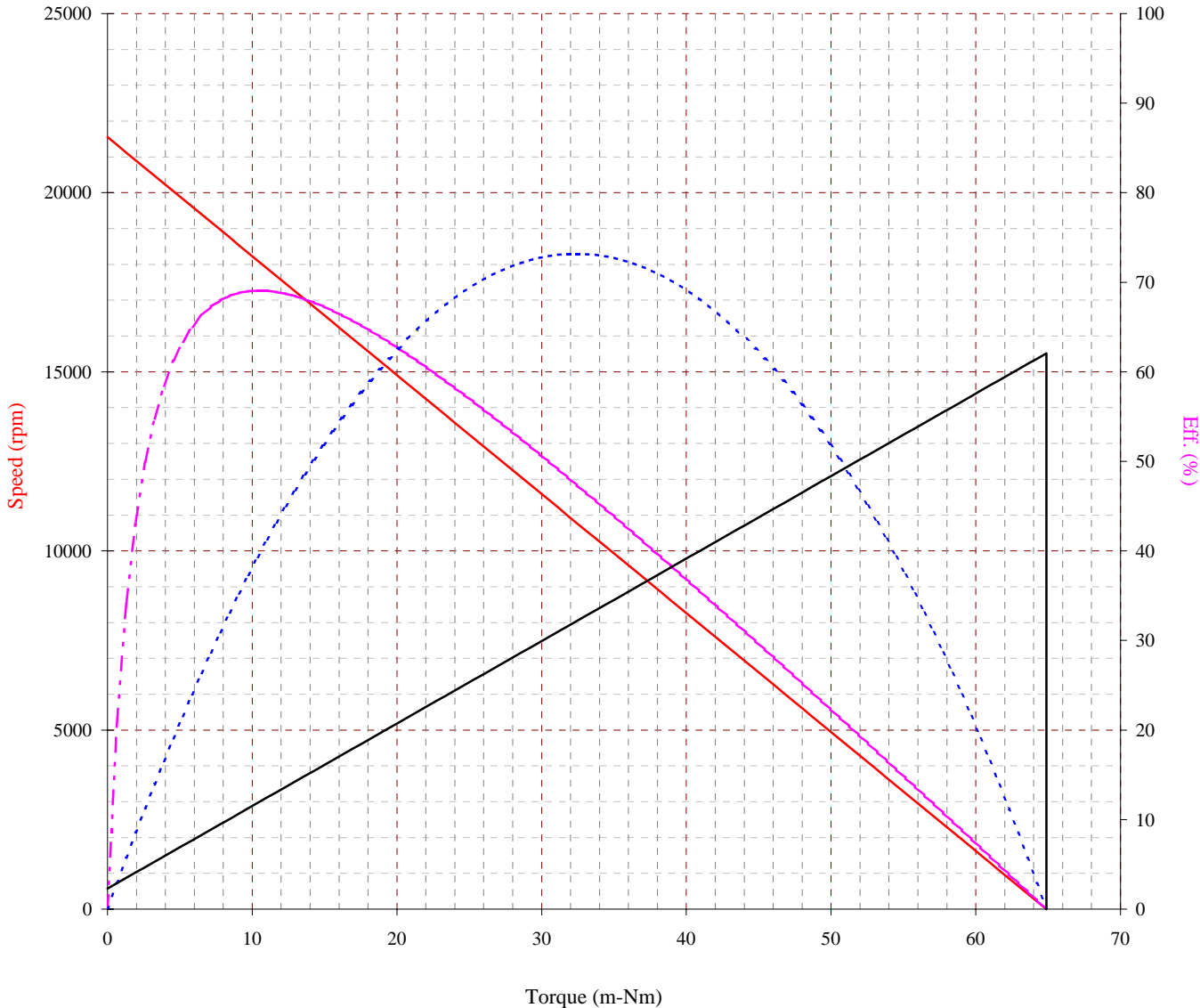
6-22, Dai Shun St., Tai Po Industrial Estate, N.T., H.K. Fax: 852-2663 6108

Project No : Production Motor
Curve No : HC315MG-30037

Winding : 0.20 - 73

Date : 04/27/1999
Model :

Full Scales :
10.00 Amp
50.00 Watts



Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **24.00** Volts
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 21552 Rpm
Current : 0.230 Amp

At Stall (Extrapolated)

Torque : 64.89 m-Nm
Current : 6.21 Amp

At Maximum Efficiency

Efficiency : 69.08 %
Torque : 10.38 m-Nm
Speed : 18104 Rpm
Current : 1.19 Amp
Output : 19.67 Watts

At Maximum Power

Torque : 32.44 m-Nm
Speed : 10776 Rpm
Current : 3.22 Amp
Output : 36.59 Watts

Characteristics

Torque Constant : 10.8560 m-Nm/Amp
Dy. Resistance : 3.8670 Ohms
Motor Regulation : 332.1520 Rpm/m-Nm

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

Reference no : 30471