

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 : HC783G-73220

Winding : 0.80 - 30

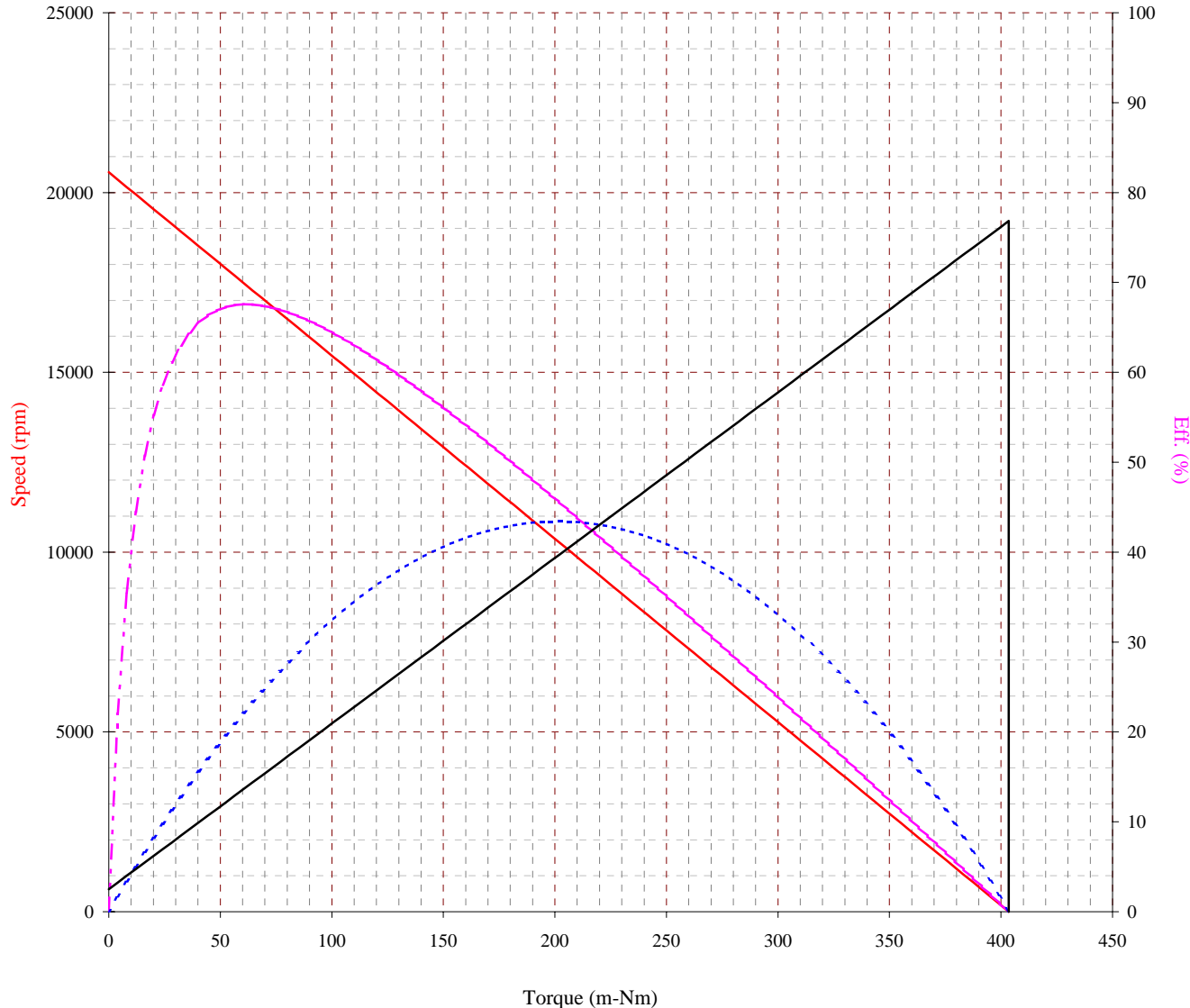
Date : 04/27/1999

Model :

Full Scales :

100.00 Amp

500.00 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 : 20563 Rpm
Current : 2.508 Amp

At Stall (Extrapolated)

Torque : 403.51 m-Nm
Current : 76.83 Amp

At Maximum Efficiency

Efficiency : 67.56 %
Torque : 60.53 m-Nm
Speed : 17479 Rpm
Current : 13.66 Amp
Output : 110.70 Watts

At Maximum Power

Torque : 201.76 m-Nm
Speed : 10282 Rpm
Current : 39.67 Amp
Output : 217.09 Watts

Characteristics

Torque Constant : 5.4300 m-Nm/Amp
Dy. Resistance : 0.1560 Ohms
Motor Regulation : 50.9600 Rpm/m-Nm

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

Reference no : 27054