

JOHNSON ELECTRIC ENGINEERING LTD.

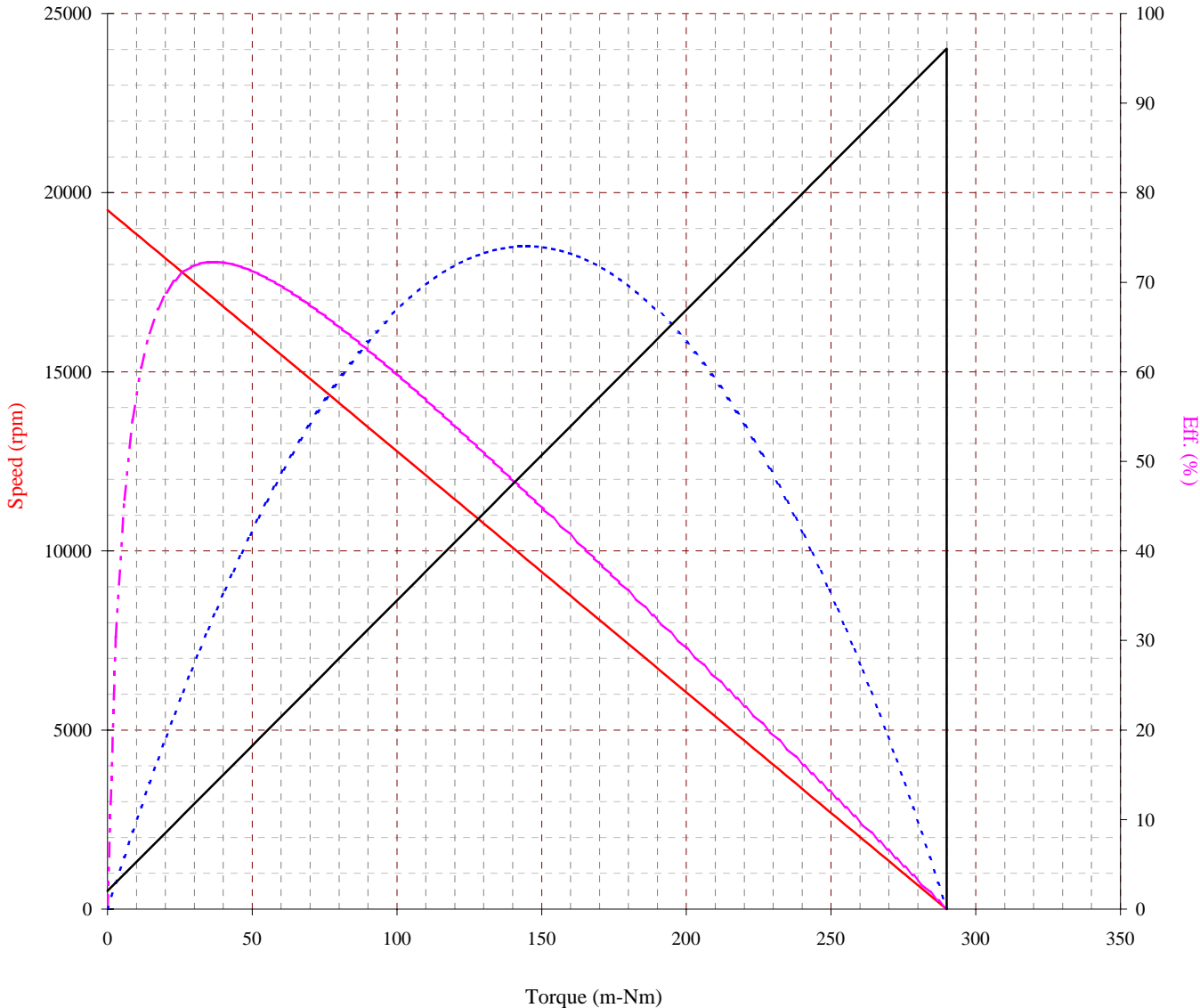
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Project No : Production Motor
Curve No : KC615L-65320

Winding : 0.55 - 18

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 **13.00** Volts
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 19517 Rpm
Current : 1.013 Amp

At Stall (Extrapolated)

Torque : 289.91 m-Nm
Current : 48.04 Amp

At Maximum Efficiency

Efficiency : 72.29 %
Torque : 37.69 m-Nm
Speed : 16980 Rpm
Current : 7.13 Amp
Output : 66.98 Watts

At Maximum Power

Torque : 144.96 m-Nm
Speed : 9759 Rpm
Current : 24.53 Amp
Output : 148.03 Watts

Characteristics

Torque Constant : 6.1650 m-Nm/Amp
Dy. Resistance : 0.2710 Ohms
Motor Regulation : 67.3210 Rpm/m-Nm

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