

JOHNSON ELECTRIC ENGINEERING LTD.

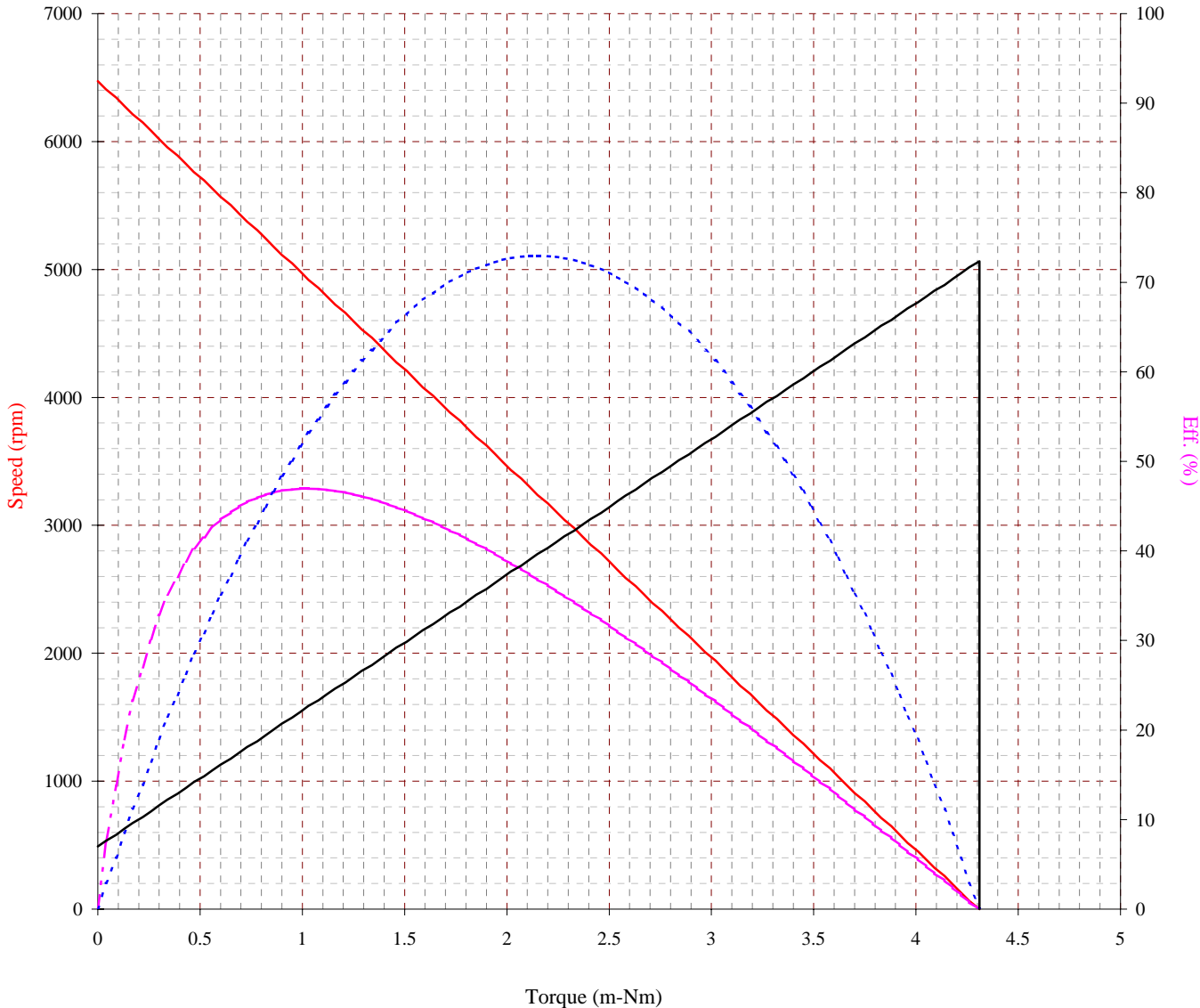
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Project No : Production Motor
Curve No : KF113G-11390

Winding : 0.09 - 420

Date : 04/27/1999
Model :

Full Scales :
0.50 Amp
1.00 Watts



Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **10.00** Volts
with a circuit resistance **0.000** Ohm

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

At No Load

Speed : 6473 Rpm
Current : 0.035 Amp

At Stall (Extrapolated)

Torque : 4.31 m-Nm
Current : 0.36 Amp

At Maximum Efficiency

Efficiency : 46.94 %
Torque : 1.03 m-Nm
Speed : 4919 Rpm
Current : 0.11 Amp
Output : 0.53 Watts

At Maximum Power

Torque : 2.15 m-Nm
Speed : 3237 Rpm
Current : 0.20 Amp
Output : 0.73 Watts

Characteristics

Torque Constant : 13.1890 m-Nm/Amp
Dy. Resistance : 27.6520 Ohms
Motor Regulation : 1502.5530 Rpm/m-Nm

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

Reference no : 28445