

JOHNSON ELECTRIC ENGINEERING LTD.

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Project No : ARM Motor
Curve No : HC615-64818

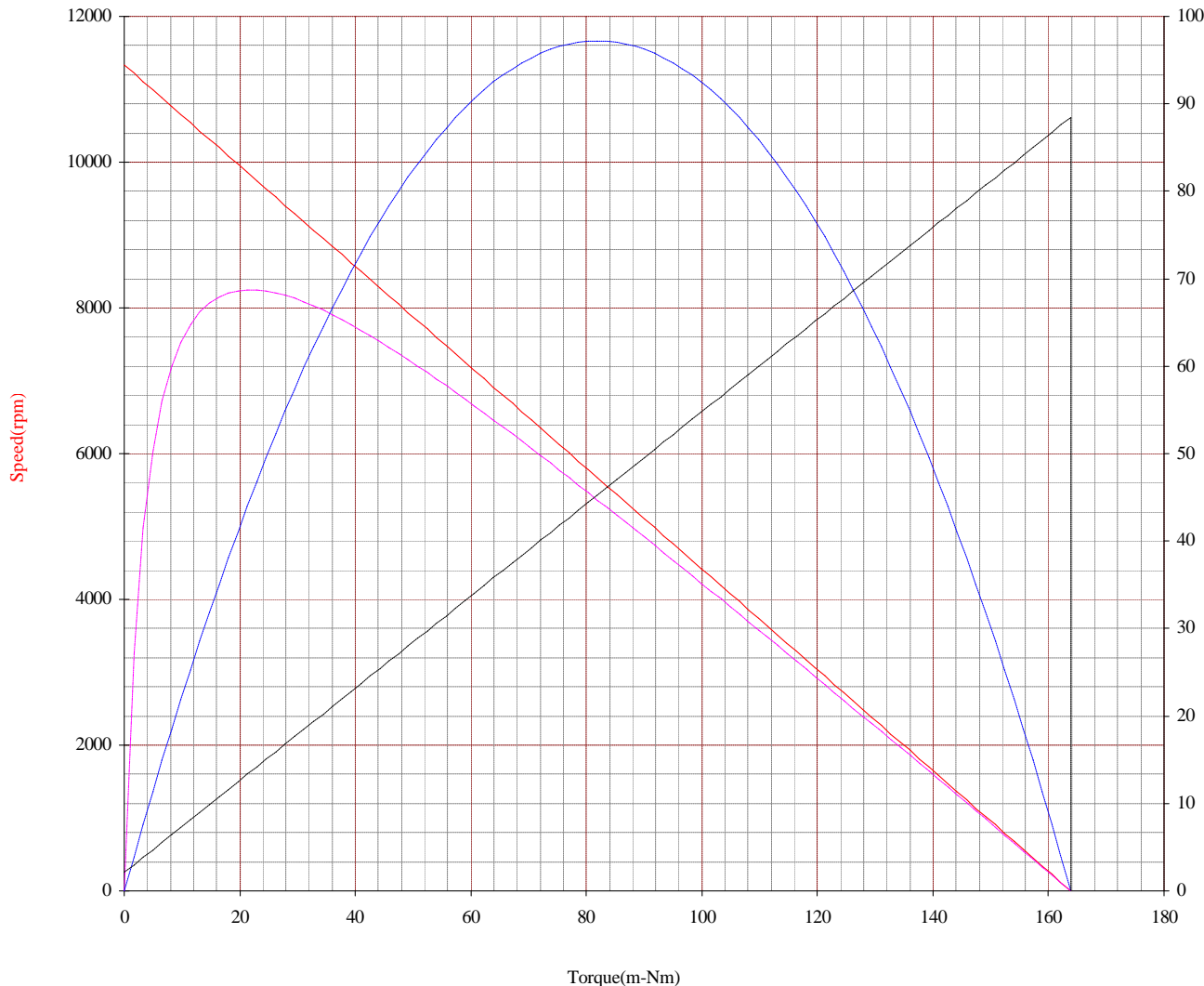
Winding : 0.27 - 75

Date : 26/07/1999

Model :

Full Scales :

10 Amp
50 Watts



Motor tested rapidly to prevent significant temperature rise.

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

(In an ambient temperature of 25~30 deg C)

AT No Load

Speed : 11335 Rpm
Current : 0.210 Amp

At stall (Extrapolated)

Torque : 163.86 m-Nm
Current : 8.85 Amp

At maximum efficiency

Efficiency : 68.74 %
Torque : 21.30 m-Nm
Speed : 9861 Rpm
Current : 1.33 Amp
Output : 21.99 Watts

At maximum power

Torque : 81.93 m-Nm
Speed : 5668 Rpm
Current : 4.53 Amp
Output : 48.59 Watts

Characteristics

Torque Constant : 18.9750 m-Nm/Amp
Dy. Resistance : 2.7130 Ohms
Motor Regulation: 69.1770 Rpm/m-Nm

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

Reference no : 28687