



东莞市国梦电机有限公司

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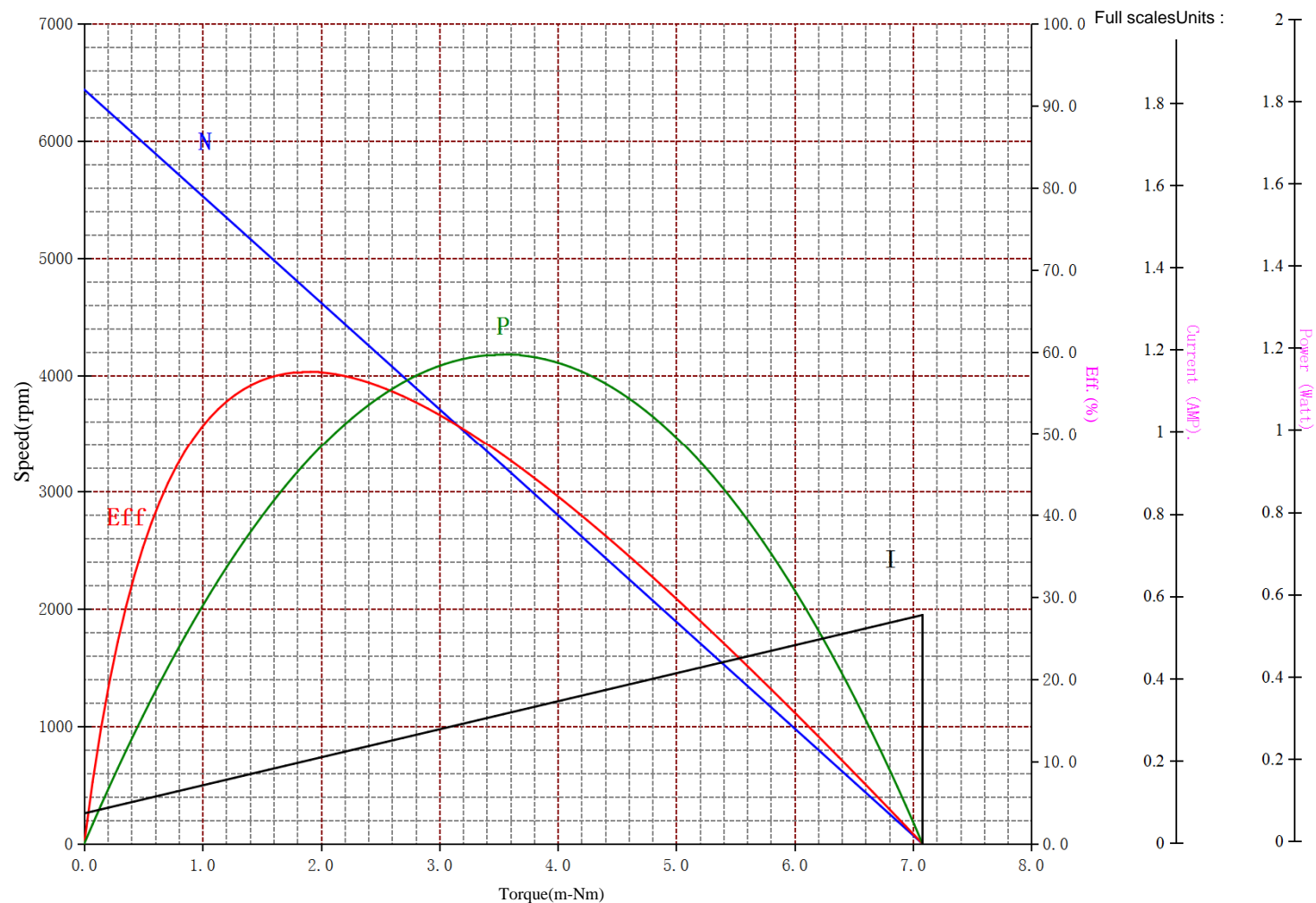
Dongguan Country Dream Motor Co., Ltd.

SSO#: BL2418I

Winding : -

Sample Lot.: #REF!

Date : 2018/9/8



Performance ( In an ambient temperature of 25 -30 C )  
Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **8.00** Volts  
With a circuit resistance **0.000** Ohms

AT No Load

Speed : 6438 Rpm  
Current: 0.074 Amp

At stall (Extrapolated)

Torque : 7.080 m-Nm  
Current: 0.557 Amp

At maximum efficiency

Efficiency : 57.55 %  
Torque : 1.892 m-Nm  
Speed : 4718 Rpm  
Current : 0.203 Amp  
Output : 0.935 Watts

At maximum power

Torque : 3.540 m-Nm  
Speed : 3219 Rpm  
Current : 0.315 Amp  
Output : 1.193 Watts

Characteristics

Torque Constant : 14.664 m-Nm/Amp  
E.M.F Constant : 14.664 mV/rad/sec  
Dy. Resistance : 14.367 Ohms  
Motor Regulation: 909.276 Rpm/m-Nm

Calculation

At Torque Level: 1.962 m-Nm

Speed : 4654 Rpm  
Current : 0.208 Amp  
Efficiency : 57.52 %  
Output : 0.956 Watts

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