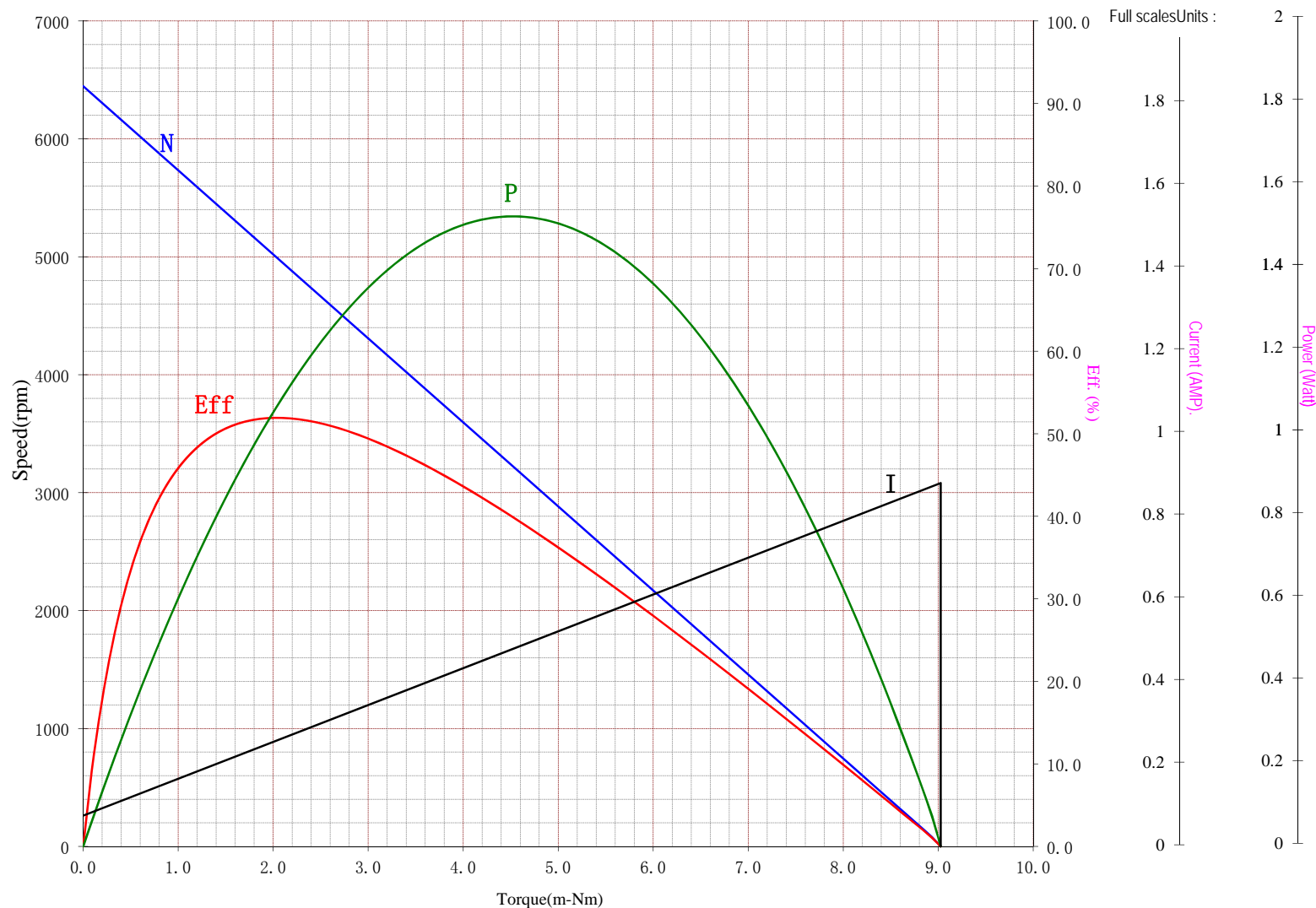


Motor Model: B2418M
 Proposal No: SOF-180912-001A
 Winding : 0.00 - 0
 Motor test reference no :

(CCW)

Date : 2018-9-26



FORM : PIB-930701-1

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 : 6431 Rpm
 Current: 0.075 Amp

At stall (Extrapolated)

Torque : 9.026 m-Nm
 Current: 0.886 Amp

At maximum efficiency

Efficiency : 51.93 %
 Torque : 2.030 m-Nm
 Speed : 5000 Rpm
 Current : 0.256 Amp
 Output : 1.063 Watts

At maximum power

Torque : 4.513 m-Nm
 Speed : 3250 Rpm
 Current : 0.477 Amp
 Output : 1.536 Watts

Characteristics

Torque Constant : 11.125 m-Nm/Amp
 E.M.F Constant : 11.125 mV/rad/sec
 Dy. Resistance : 9.030 Ohms
 Motor Regulation: 712.501 Rpm/m-Nm

Calculation

At Torque Level: 2.453 m-Nm

Speed : 4702 Rpm
 Current : 0.294 Amp
 Efficiency : 51.42 %
 Output : 1.208 Watts

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