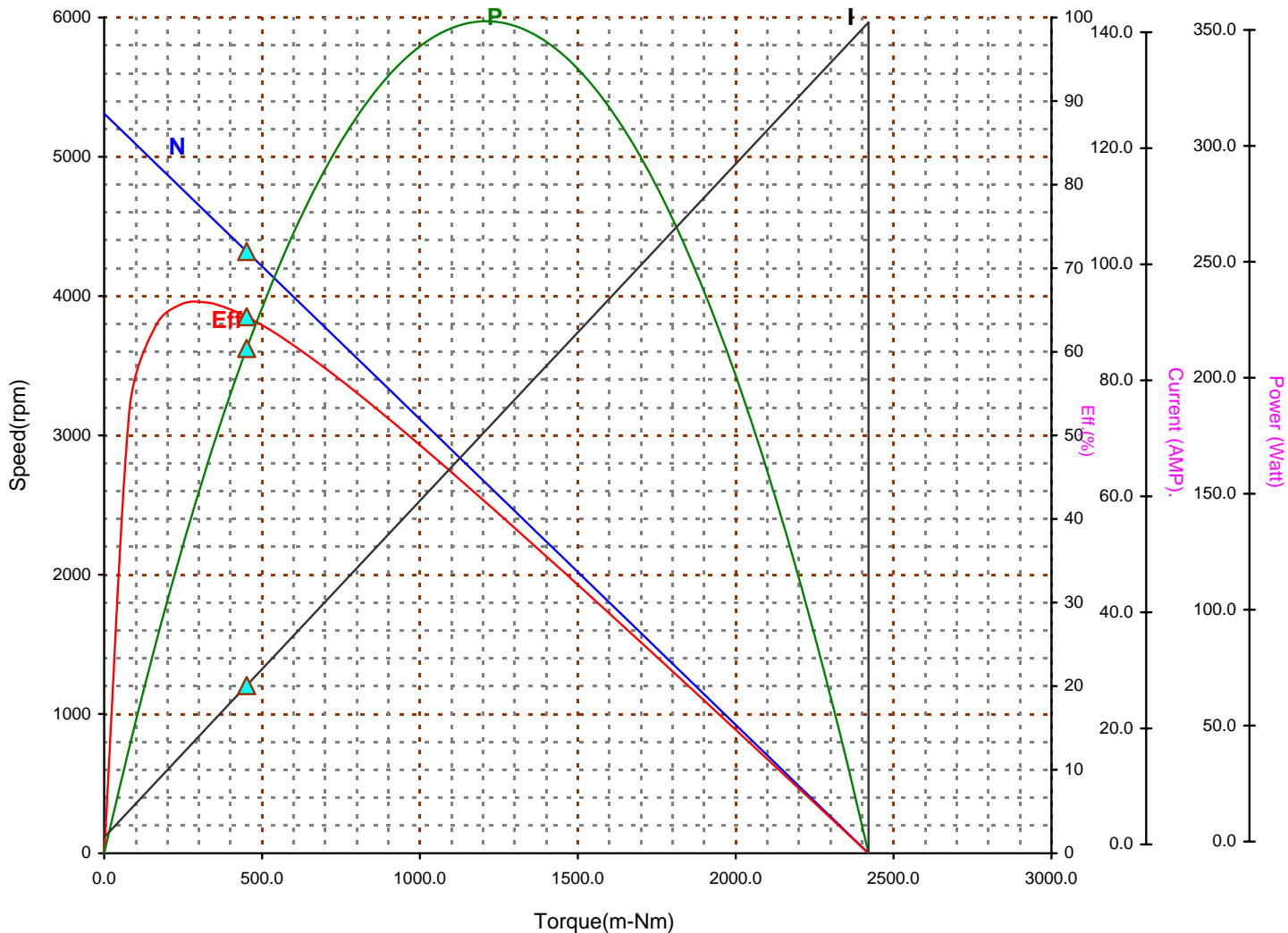


Project No : PM25R-45F-1003
 Proposal No:
 Winding : 0.00 - 0
 Motor test reference no : (CCW)

Operator : JACKY
 Date : 2011/11/10



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

At a constant voltage of **12.00** Volts
 With a circuit resistance **0.000** Ohms

AT No Load

Speed : 5310 Rpm
 Current: 2.500 Amp

At stall (Extrapolated)

Torque : 2420.395 m-Nm
 Current: 131.227 Amp

At maximum efficiency

Efficiency : 65.99 %
 Torque : 293.557 m-Nm
 Speed : 4666 Rpm
 Current : 18.113 Amp
 Output : 143.438 Watts

At maximum power

Torque : 1210.197 m-Nm
 Speed : 2655 Rpm
 Current : 66.864 Amp
 Output : 336.472 Watts

Characteristics

Torque Constant : 18.803 m-Nm/Amp
 E.M.F Constant : 18.803 mV/rad/sec
 Dy. Resistance : 0.091 Ohms
 Motor Regulation: 2.194 Rpm/m-Nm

Calculation

At Torque Level:		At Fan:	
Torque:	451.260 m-Nm	Torque:	m-Nm
Speed:	4320 Rpm	Speed:	Rpm
Current:	26.500 Amp	Current:	Amp
Efficiency:	64.20 %	Efficiency:	%
Output:	204.145 Watts	Output:	Watts

COMPUTER PRINT-OUT
 NORMAL MOTOR CURVE
 Performance and characteristics are measured based on limited motor sample only