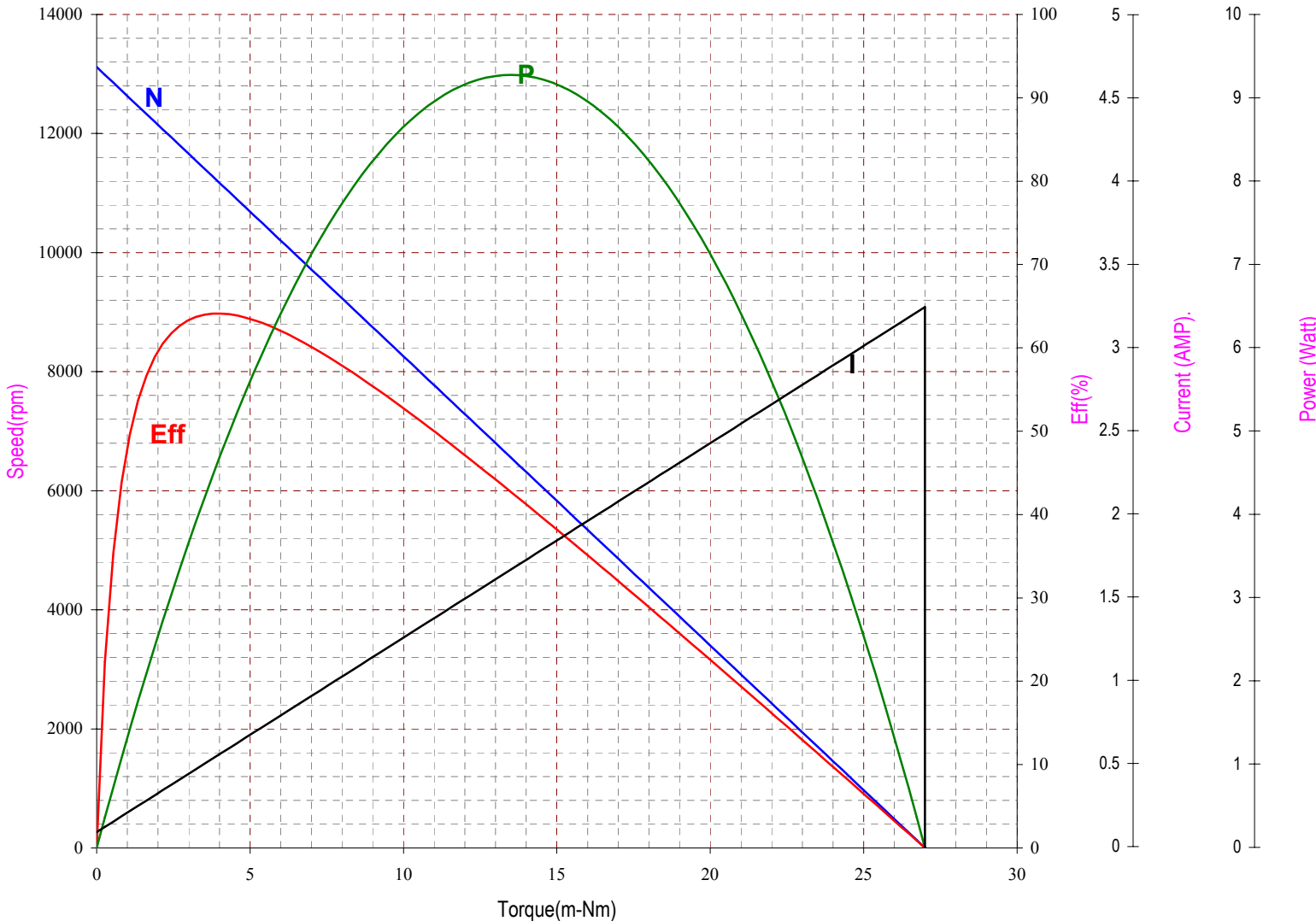


Excellence in *Micromotors* Since 1959
Date : 05-9-2

Project No.: 00D1010-20543
Winding : 0.18 - 155
Motor test reference no : NF213G



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 **13.00** Volts
With a circuit resistance **0.000** Ohms

At No Load
Speed : 13117 Rpm
Current: 0.095 Amp

At stall (Extrapolated)
Torque : 26.999 m-Nm
Current: 3.245 Amp

At maximum efficiency
Efficiency : 64.13 %
Torque : 3.945 m-Nm
Speed : 11200 Rpm
Current : 0.555 Amp
Output : 4.629 Watts

At maximum power
Torque : 13.499 m-Nm
Speed : 6558 Rpm
Current : 1.670 Amp
Output : 9.275 Watts

Characteristics
Torque Constant : 8.571 m-Nm/Amp
E.M.F Constant : 8.571 mV/rad/sec
Dy. Resistance : 4.006 Ohms
Motor Regulation: 485.828 Rpm/m-Nm

At Torque Level:

Torque: 9.800 m-Nm
Speed: 8356 Rpm
Current: 1.238 Amp
Efficiency: 53.29 %
Output: 8.578 Watts

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