



JOHNSON ELECTRIC INTERNATIONAL LTD.

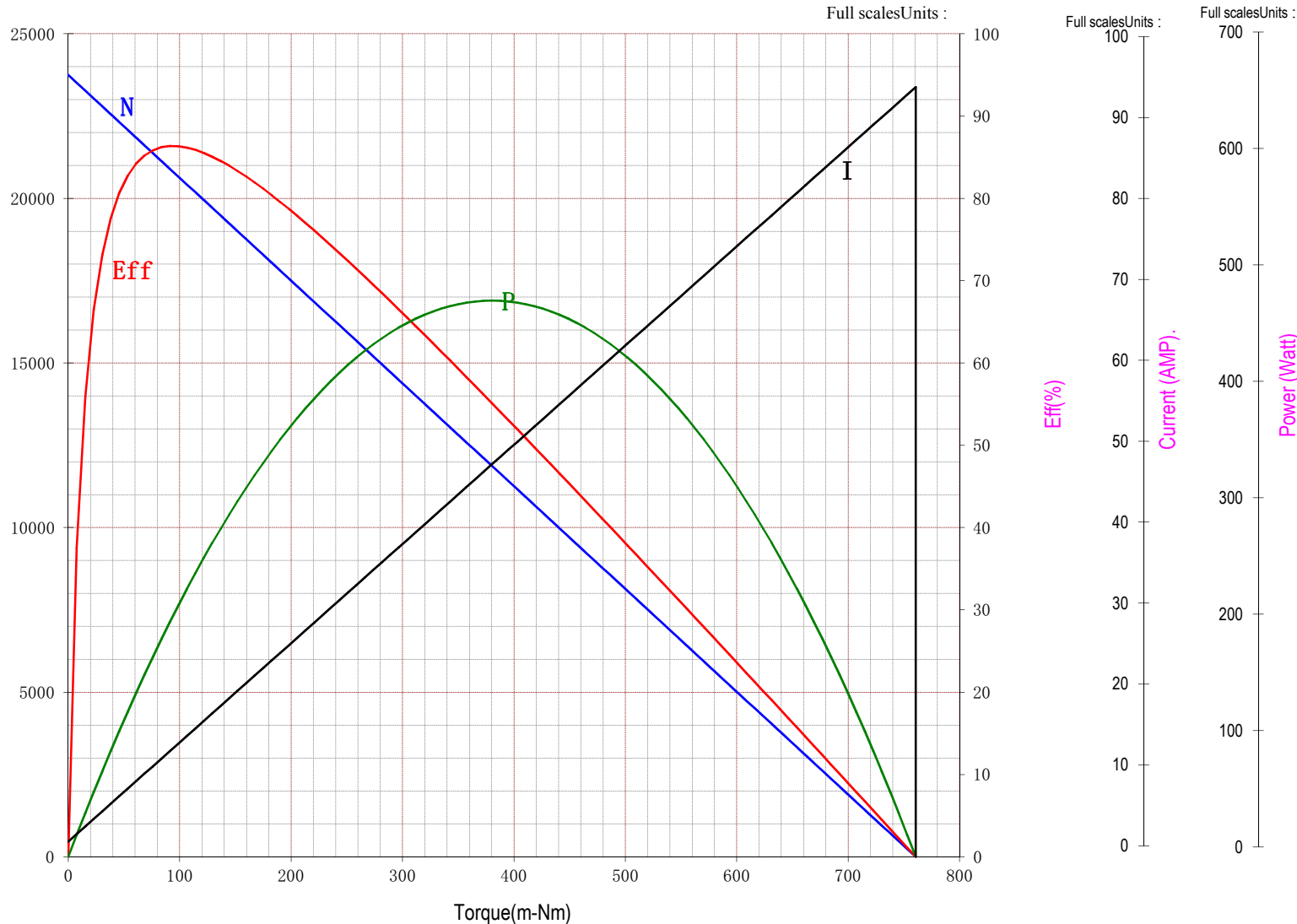
Johnson Building, 6-22, Dai Shun Street, Tai Po, Hong Kong.

Excellence in *Micromotors* Since 1959

Date : 2018/10/30

SOF NO : 05/0005 (159141)

Project No.: 16K3025



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

At No Load
Speed : 23744 Rpm
Current: 1.853 Amp

At stall (Extrapolated)
Torque : 760.611 m-Nm
Current: 93.519 Amp

At maximum efficiency
Efficiency : 86.37 %
Torque : 93.862 m-Nm
Speed : 20814 Rpm
Current : 13.165 Amp
Output : 204.670 Watts

At maximum power
Torque : 380.306 m-Nm
Speed : 11872 Rpm
Current : 47.686 Amp
Output : 473.005 Watts

Characteristics
Torque Constant : 8.298 m-Nm/Amp
E.M.F Constant : 8.298 mV/rad/sec
Dy. Resistance : 0.192 Ohms
Motor Regulation: 31.217 Rpm/m-Nm

At Torque Level:

Torque: m-Nm

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

Issued by Motor Sampling