



# JOHNSON ELECTRIC INDUSTRIAL MANUFACTORY LTD.

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

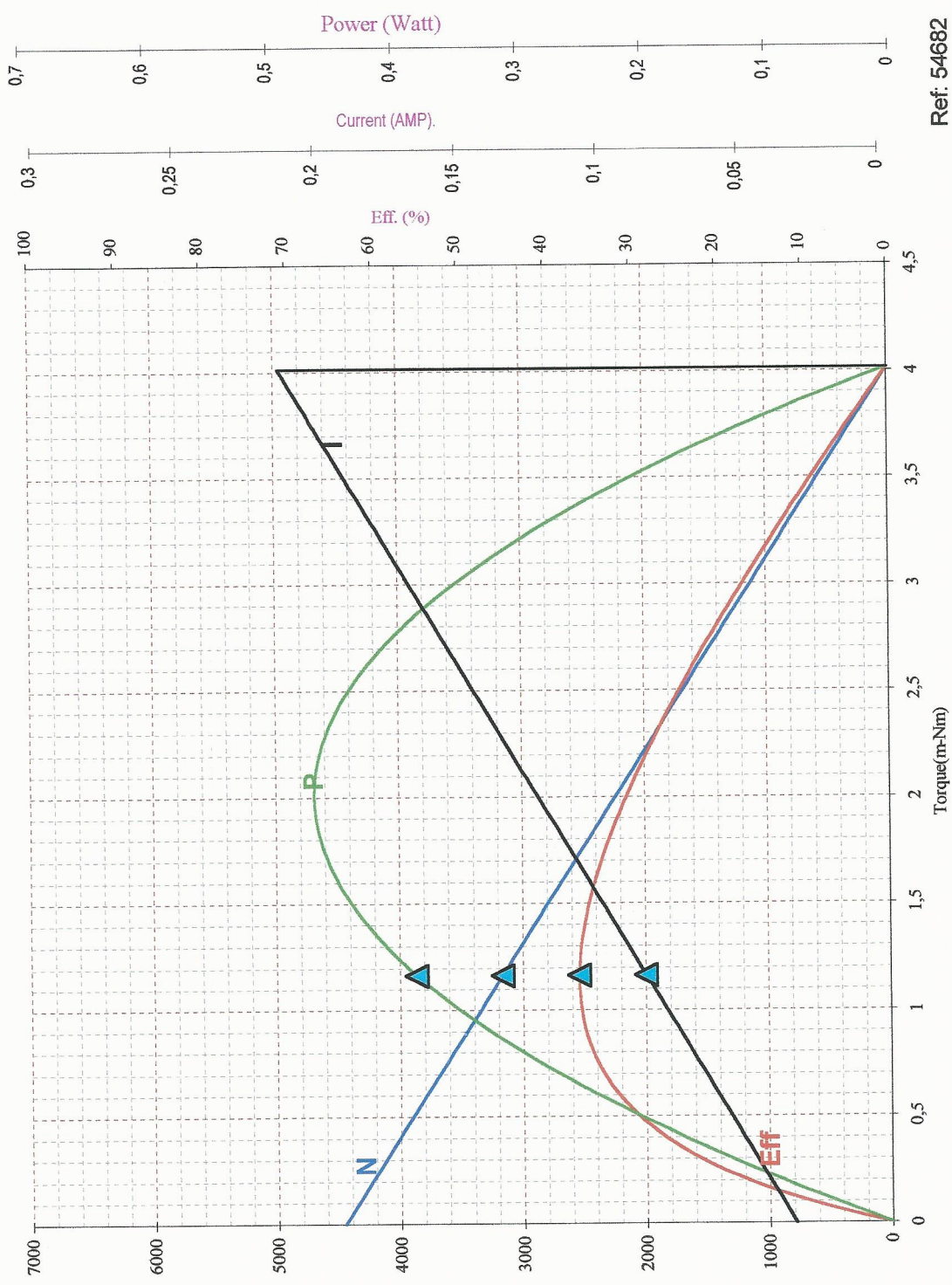
Excellence in *Micromotors* Since 1959

Date : 26.11.03

Project No.: 02D1007/50/00006  
 Winding : 0,07 - 670  
 Motor test reference no : 0

P70M (wake)

Simulation at 25 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 :	4460 Rpm
Current:	0,034 Amp
At stall (Extrapolated)	
Torque :	4,016 m-Nm
Current:	0,213 Amp
At maximum efficiency	
Efficiency :	36,33 %
Torque :	1,142 m-Nm
Speed :	3192 Rpm
Current :	0,085 Amp
Output :	0,382 Watts
At maximum power	
Torque :	2,008 m-Nm
Speed :	2230 Rpm
Current :	0,123 Amp
Output :	0,469 Watts
Characteristics	
Torque Constant :	22,400 m-Nm/Amp
E.M.F Constant :	22,400 mV/rad/sec
Dy. Resistance :	61,070 Ohms
Motor Regulation:	1110,714 Rpm/m-Nm
At Torque Level: C6	
At Fan:	
Torque:	1,11396
Speed:	3222,98
Current:	0,08333
Efficiency:	35,8 %
Output:	0,42213 Watts



Ref: 54682

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