



# JOHNSON ELECTRIC INDUSTRIAL MANUFACTORY LTD.

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

Excellence in *Micromotors* Since 1959

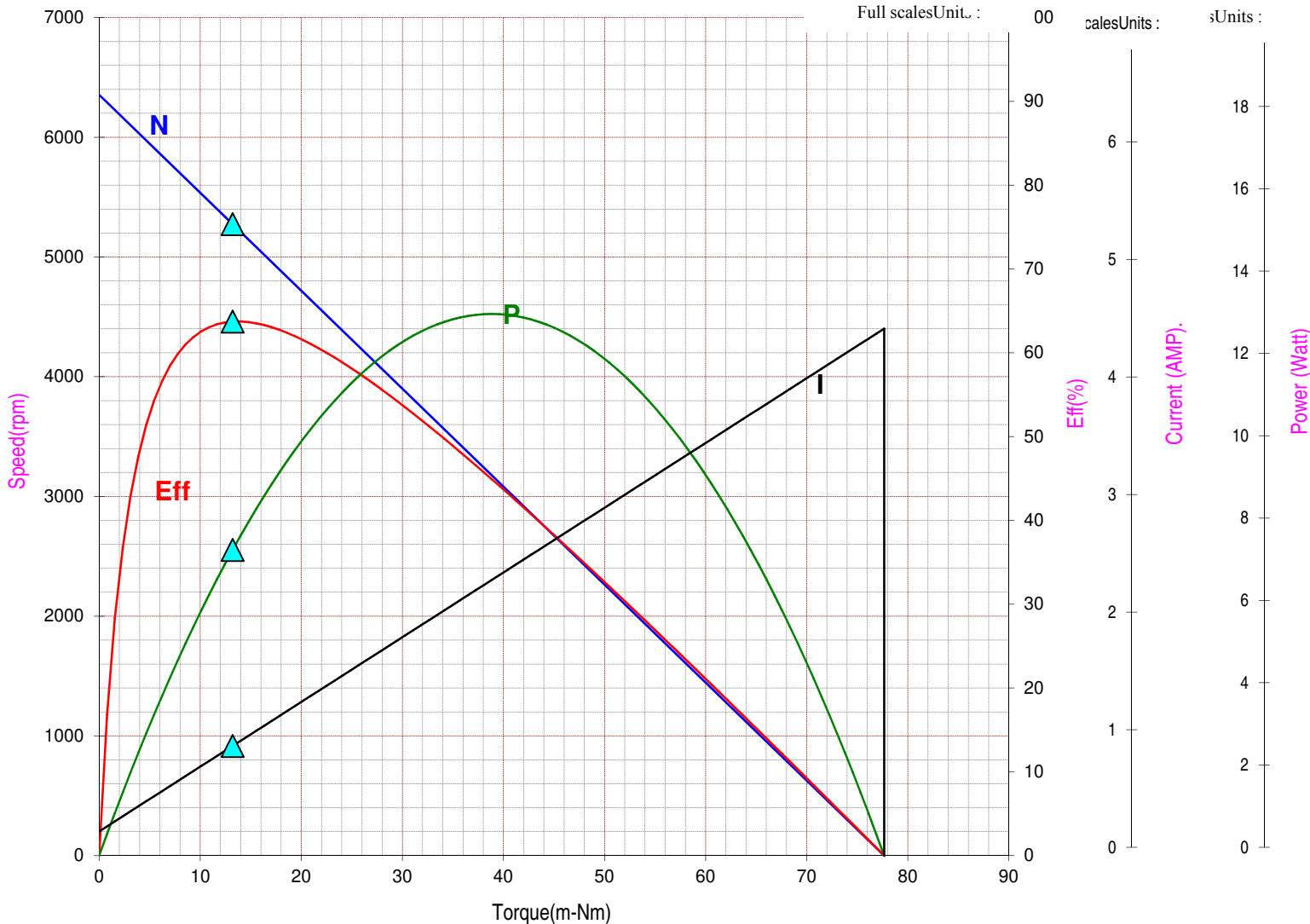
Date : 06.06.2008

SOF NO : 15/0003 (105423)

Project No.: 07D1059

Winding : 0,24 - 66

Motor test reference no : KC335XLG/DS/75049/XD2



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 **12,50** Volts  
With a circuit resistance **0,000** Ohms

At No Load	
Speed :	6355 Rpm
Current:	0,202 Amp
At stall (Extrapolated)	
Torque :	77,664 m-Nm
Current:	4,401 Amp
At maximum efficiency	
Efficiency :	63,74 %
Torque :	13,702 m-Nm
Speed :	5234 Rpm
Current :	0,943 Amp
Output :	7,513 Watts
At maximum power	
Torque :	38,832 m-Nm
Speed :	3177 Rpm
Current :	2,302 Amp
Output :	12,926 Watts

**Characteristics**

Torque Constant : 18,494 m-Nm/Amp  
E.M.F Constant : 18,494 mV/rad/sec  
Dy. Resistance : 2,840 Ohms  
Motor Regulation: 81,822 Rpm/m-Nm

At Torque Level:	At Fan:	B80
Torque:	m-Nm	Torque: 12,533
		Speed: 5329
		Current: 0,880
		Efficiency: 63,63
		Output: 6,997

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

Issued by Motor Sampling