Induction Motor Efficiency Report

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JHWinders Enterprise PTY Ltd
Committed to Quality and Value
Email: hendrik@jhwinders.co.za

Henry du Preez & Associates.
CK 99 24139 /23

INDUCTION MOTOR

EFFICIENCY CALCULATIONS:

Henry du Preez Pr.Eng.
BSc. Elect. Eng. (wits) MBL. GED (Elect.Eng). Gov. Cert. (Elect. & Mech).
F SAIEE.

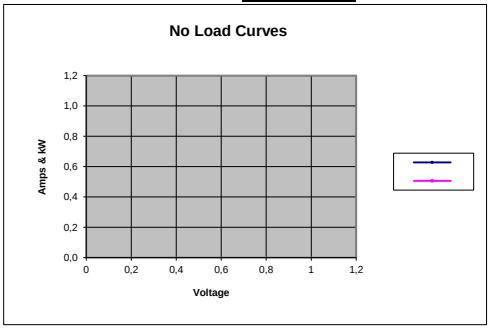
P.O. Box 652050,
Benmore
South Africa
2010

Phone: 27 (0) 83 252 7612
Fax: 27 (0) 11 783 9762
Email: henrydp@hotmail.co.za

Date:
Customer:
Job No.
Rating
Volts
Amps
KW
RPM
Make:
Type
Order No:
Serial No.
Connection Y or D (Star=Y, Delta=D, Single Phase=SP)

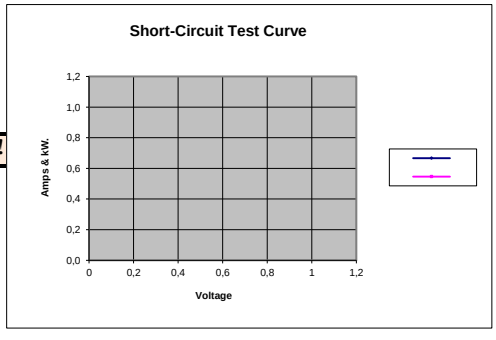
No Load Tests:

	Line Voltage	Line Current	Power kW.
Rated V			



Short circuit / lock rotor test

	Line Voltage	Line Current	Power kW.	
Rated A				#DIV/0!



By extrapolation the Windage and friction loss is the lowest point on the No Load Curve

P_f 0 kW.

Stator Resistance Between terminals @ 25°C is Ohms. @ 80°C 0

Friction & Windage 0 kW.

No Load Copper Losses are 0 kW.

Core Loss 0 kW.

Stator I^2R 0 kW.

Rotor I^2R 0 kW.

Total Losses 0 kW.

X Vibration = mm/s
Y Vibration = mm/s
Z Vibration = mm/s

Efficiency

Slip.