



Central Air Equipment (Fab) Ltd.

No.: 60187-MDSa

Date: 26-AUG-2014

DATA SHEET

Three-phase induction motor - Squirrel cage rotor

Customer : MEG Energy
 Product line : TEFC - W22 NEMA Premium Efficiency - IEC (Tru-Metric)

Frame : 80
 Output : 0.55 kW
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1720
 Slip : 4.44 %
 Voltage : 575 V
 Rated current : 0.888 A
 Locked rotor current : 6.48 A
 Locked rotor current (I_L/I_n) : 7.3
 No-load current : 0.536 A
 Full load torque : 3.06 Nm
 Locked rotor torque : 350 %
 Breakdown torque : 400 %
 Design : N
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 22 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000
 Degree of Protection : IP55
 Approximate weight : 13 kg
 Moment of inertia : 0.00255 kgm²
 Noise level : 44 dB(A)

HATCH VENDOR DATA REVIEW				
Name	Signature	Date yy-mm-dd	Comments	
			Yes	No
MOE ZAKARE	<i>[Signature]</i>	15-1-7		✓
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	D.E.	N.D.E.
Bearings	6204 ZZ	6203 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.78	80.0
75%	0.73	77.0
50%	0.60	74.0

Notes: TAG# M-6187-2A/B
 PID# 60187-PID-A/B

Performed by
 WV

Checked
 SH