



PO#SLP06003-29106

M-51484; M-51486
B-3999A; M-3999B



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JACOBS ENGINEERING
GREENVILLE, SC

MAR 12 2012

JOB NO. 16LD4410
EQUIP. NO. B-3999A
B-3999B

NEMA Motor Data

Ordering data:

1LE2421-4CC51-2AA2-Z
A40+J52

Client-order-no. / :Norwalk Compressor Co
Order-no. / : NCC PO #151629
Offer-no. / : Siemens SO #3003702597
Remarks / : F-2 Assembly

Item-no. / : **MTR-801A/B**
Consignment-no. / :
Project / : M51484 & M51486

Nameplate Data				Bearing Data	
Type	SD100 IEEE841 - NEMA Premium Efficiency			DE Bearing Size	NU 320
HP	200.0	Rating	Cont.	DE Bearing Type	Roller Bearing
Voltage	460V STD, 60HZ (12)	Ins. Class	Class F (Standard)	DE AFBMA	100RU03M0
Amps	227.0	S.F.	1.15	ODE Bearing Size	6316 Z C3
FL RPM	1190.0	Amb. Temp.	40 deg C	ODE Bearing Type	Ball Bearing
FL Efficiency	95.8 %	Temp. Rise	Class B	ODE AFBMA	80BC03JP3
FRAME	449T*	kVA Code	G		
DE AFBMA	100RU03M0	NEMA Des	B		
ODE AFBMA	80BC03JP3	Mtr WT	2425.0		
Hertz	60	Ph	3		

Typical Performance Data					
Load	No Load	1/2	3/4	Full Load	LRC
Efficiency		95.6 %	96.2 %	95.8 %	
Power Factor		75.0 %	83.0 %	86.0 %	
Current (A)	73.0 A			227.0 A	1450.0 A

Mechanical Data			
SAFE STALL TIME	HOT (s)	25.0	
	COLD (s)	32.0	
Rtr wt (lbs)	769.2	Rtr WK2	89.69
FLT (ft-lbs)	883.0	LRT	1103.0
		BDT	1776.0
Ext Load Inertia (WK2) Capability	5950.0		

Typical Noise Data										
A-weighted Sound	Oclave Band Center Frequencies Hertz (Hz)									
Pressure Level	63	125	250	500	1000	2000	4000	8000	SPL	74.0
at 3 feet	0.0	57.0	65.0	69.0	70.0	65.0	61.0	52.0	SPwL	86.0

Wiring Connection Information				
Description	3 PHASE - 3 LEAD - DELTA			
Voltage	L1	L2	L3	Connected together
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HIGH	T1	T2	T3	-----

Lubrication Information	
Manufacturer	Mobil Polyrex EM or equal
Type	Polyurea (standard)
DE Capacity (oz.)	14,5
ODEnd Capacity (oz.)	7,5

Relubricate bearings every six months (more frequent if conditions require). See Instruction Manual.

Special configurations :

- J52 Separate Condulet to main box - Space Heater
- A40 Space Heater - 115V, Single Phase
- F42 Standard Dimension Sheet
- F46 Information and Operation Manual
- F47 Renewal Parts List
- J52 Condulet to Main Box for Space Heaters
- J52 Condulet to main conduit box - for Space heaters

JACOBS - Eastern Region	
<input checked="" type="checkbox"/> A - Reviewed, No Exceptions, Resubmit Certified, Proceed with Fabrication.	<input type="checkbox"/> B - Reviewed as Noted, Revise and Resubmit Certified, Proceed with Fabrication.
<input type="checkbox"/> C - Rejected, Do Not Proceed with Fabrication, Resubmit	<input type="checkbox"/> R - Record Only / Information / Certified
<input type="checkbox"/> S - Superseded	<input type="checkbox"/> V - Void
Equipment Number: B-3999 A/B	
Signature: <i>[Signature]</i>	Date: 3/23/12
No responsibility Assumed For Accuracy of Ship Dimensions	