



CUSTOMER / CLIENTE: E & I SALES COMPANY
TYPE / TIPO: SD100 IEEE
PHASE / FASES: 3
CONNECTION / CONEXIÓN: Δ DELTA 2X3 LEADS

NEMA® Premium		SIEMENS		cALUS CE	
MEETS IEEE STD 841-2009					
TYPE: SD100 IEEE	PART No: 1LE24214EB213AA3-Z	CONNECTION			
HP: 150 3 PH	DUTY: CONT. AMB.: -50 °C	① ② ③			
FRAME: B445T TEFC	CLASS INSUL: H S.F.: 1.15	LINE			
VOLTS: 575	NEMA DESIGN: B kVA CODE: G				
AMPS: 136.0	TEMP. RISE: CLASSIB: 55				
R.P.M: 1785 Hz: 60	SH END BRG: 90BC03JP3	VED COMPATIBLE			
NEMA NOM EFF: 95.8 %	OPP END BRG: 80BC03JP3	AT 1.0 S.F.			
GUARANTEED MIN EFF: 95.4 %		20:1 V.T. , 4:1 C.T			
WEIGHT: ** lbs.	3005280046-11	Energy Verified			
SER No: Q2					

MILL AND CHEMICAL DUTY QUALITY INDUCTION MOTOR
 Made in Mexico by SIEMENS GDL

**Sales order:** 3005280046-11**Date:** 27/02/2015**CUSTOMER:**

E & I SALES COMPANY

The product described below is certified to comply to have been designed, manufactured and tested with the requirements of the Customer Purchase Order.

Description	MLFB	Type	Hp	Poles	Frame	Volts	Hz	Customer PO
Electric Motor	1LE24214EB213AA3-Z	SD100 IEEE	150	4	B444T	575	60	150114

The above product was manufactured in the Siemens Large Drives factory in Guadalajara Mexico, under a ISO 9001:2008 Quality System certified by TÜV Rheinland of North America Inc.

Siemens guarantees this product to be of the kind and quality described on the Purchase Order, and free of defects in workmanship and materials.

“We are committed to Quality, one of our Mission is to provide Quality products to our customers all over the world”.



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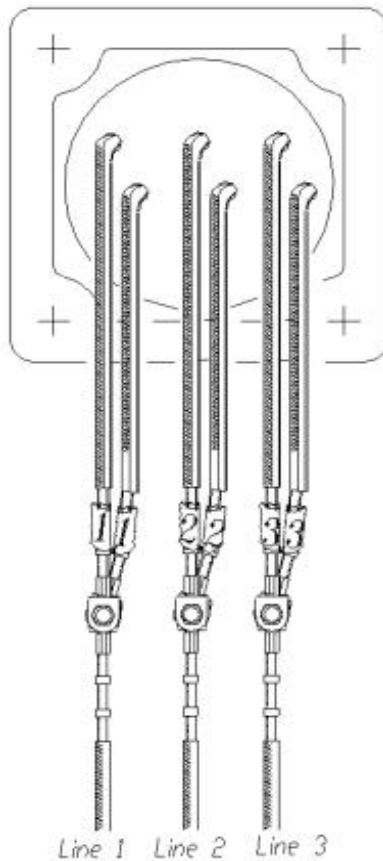
TYPE / TIPO:	SD100 IEEE	
HP / CP:	150	
VOLTS:	575	
PHASE / FASE:	3	
HERTZ:	60	
FRAME / ARMAGON:	B444T	
SYNC RPM / VELOCIDAD SINCRONA (RPM):	1800	
FULL LOAD RPM / VELOCIDAD A PLENA CARGA	1785	
EFFICIENCY / EFICIENCIA:		
50 (%)	95.7	
75 (%)	96.0	
100 (%)	95.8	
MIN. GUARRANTY / MINIMA ASOCIADA:	95.4	
POWER FACTOR / FACTOR DE POTENCIA:		
50 (%)	78.0	
75 (%)	84.0	
100 (%)	86.0	
FULL LOAD AMPS / AMPERAJE NOMINAL (A):	136.0	
LOCKED ROTOR AMPS / AMPERAJE A ROTOR BLOQUEADO (A):	868.0	
TORQUE	Lb FT	/ N.m
FULL LOAD / NOMINAL	441.4	598.6
STARTING / ARRANQUE	662.0	897.9
BREAKDOWN / MAXIMO	882.7	1197.2
INSULATION / AISLAMIENTO:	H	
SERVICE FACTOR / FACTOR DE SERVICIO:	1.15	
AMBIENT TEMP / TEMPERATURA AMBIENTE:	-50	°C

THESE VALUES ARE CALCULATED / ESTOS VALORES SON CALCULADOS

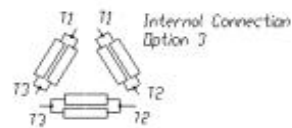
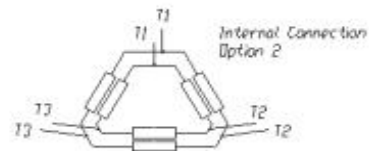
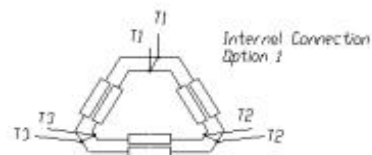


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Conduit Box Connection.

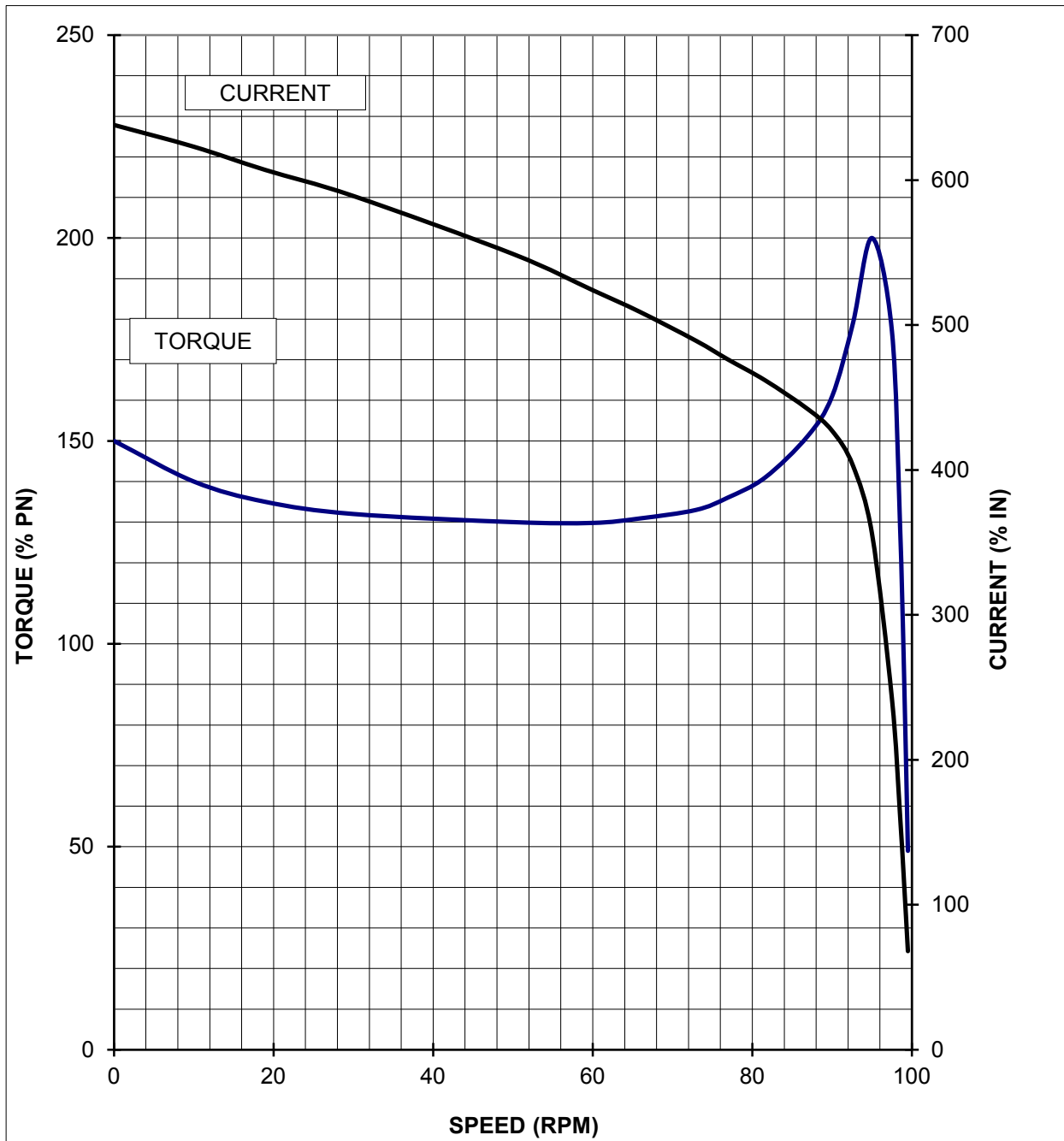


*Please, Do not Separate this pairs
of cables (1-1, 2-2, 3-3)
and Connect Across The Line
These Motors are not
Star-Delta Connection*



Speed/Torque-Current Curves
(Calculated)

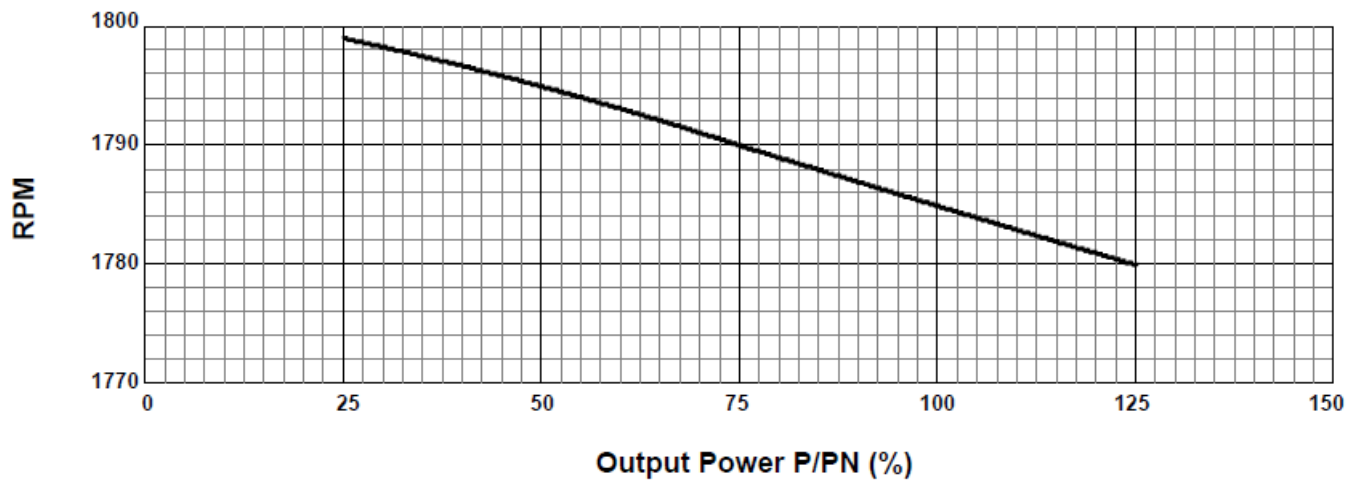
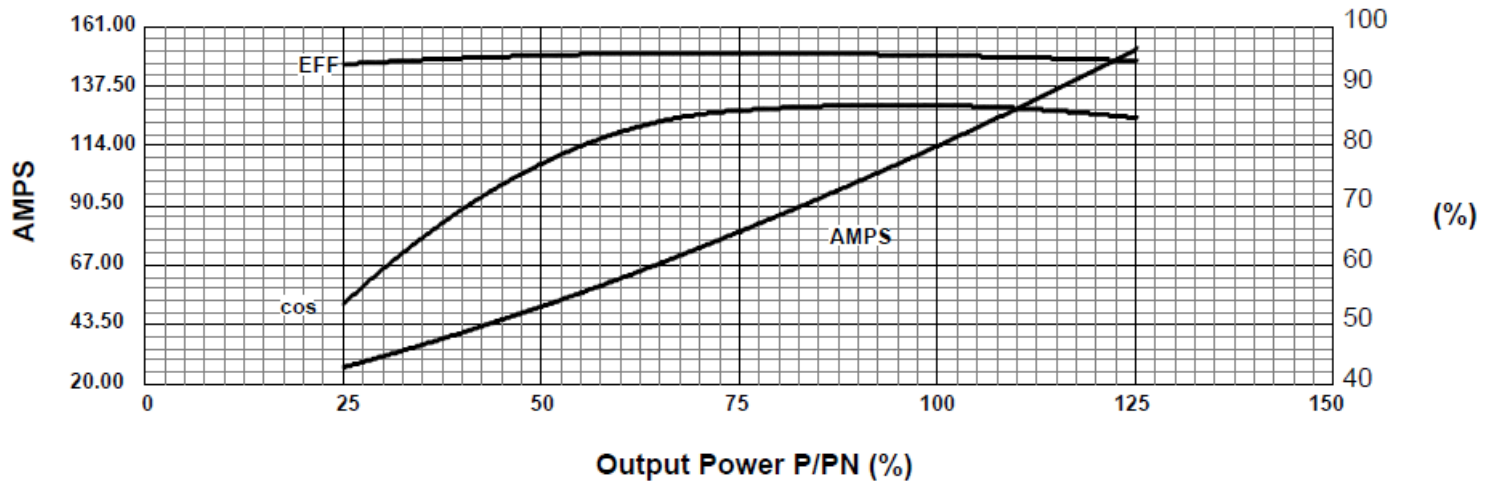
SIEMENS
GUADALAJARA FACTORY
CUSTOMER: E & T SALES COMPANY





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TYPE / TIPO: SD100 IEEE **RPM:** 1785
HP: 150



These values are calculated @ 575

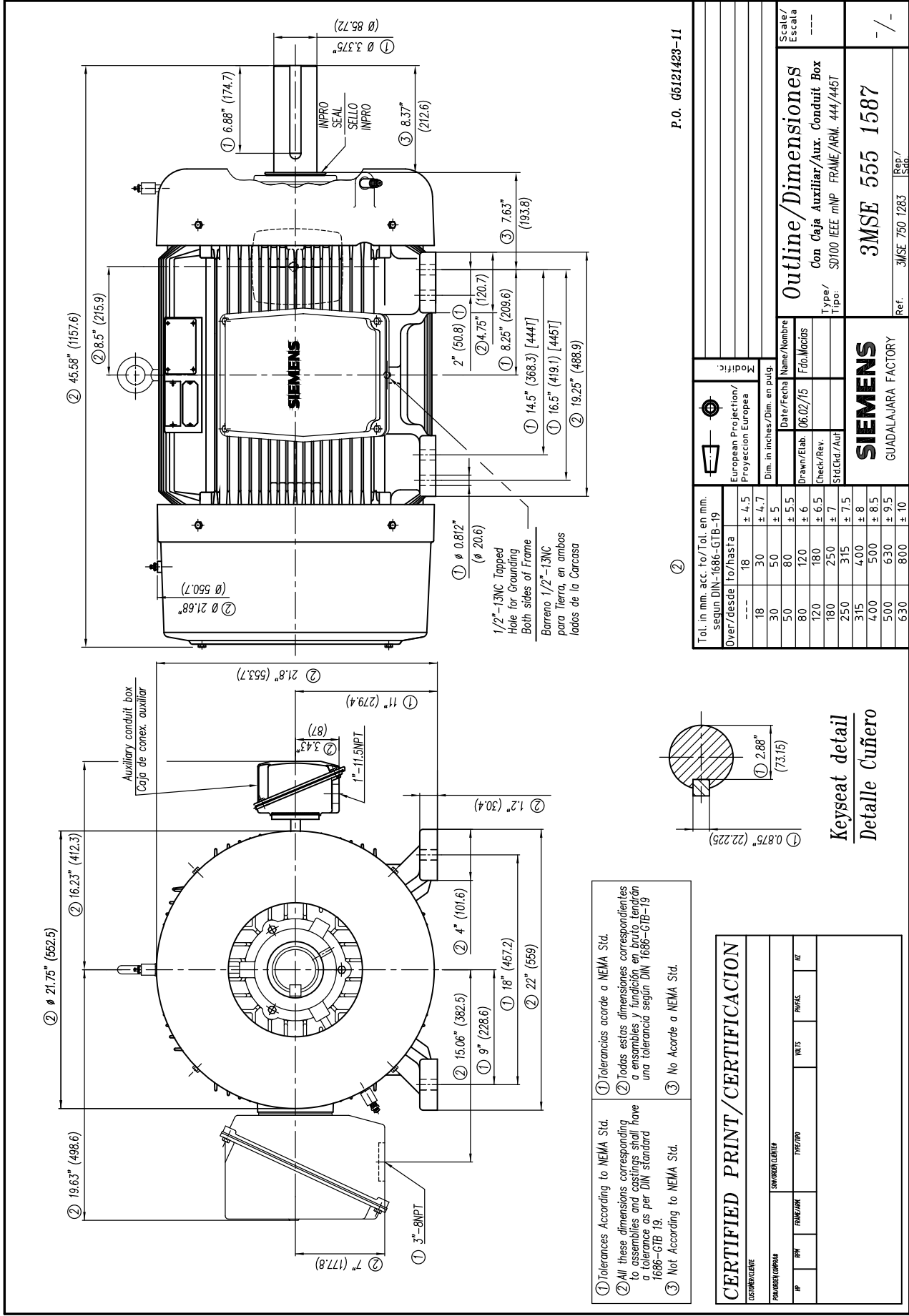
SIEMENS

Spare Part List

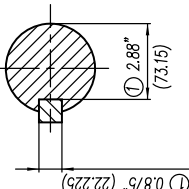
Frame B444T
Type SD100 IEEE

Description	Drawing Number
DE Bearing	6318 Z C3 (90BC03JP3)
ODE Bearing	6316 Z C3 (80BC03JP3)
Fan Housing	51817031MEXC/002
Fan	51816850MEX/002
Conduit box base	51817311MEX/001
Conduit box cover	51817312MEXA/001EP
DE Bearing Housing.	51905899MEX/005C/I
ODE Bearing Housing.	7000197B/IEEE
DE Inpro Seal	1221-A-30977-15
ODE Inpro Seal	1221-A-30975-0
Aux Conduit box base	2230816A/01/EPOX
Aux Conduit box cover	2230818A/EPOX
Fan cover grid	7502059/01

Best regards.
I DT LD P MF-GDL CoC CM



Keyseat detail
Detalle Cuñero



②

P.O. 65121423-11