

Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS

Motor type: GP100 FS: 365TS - 2p - 75 hp -

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project
Remarks		

Electrical data

without

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					LRC	Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T _A /T _N LRT [%]	T _k /T _N BDT [%]
						4/4	3/4	1/2	0	4/4		3/4	2/4	4/4	3/4	2/4				
	Δ	60	75.00	55.00	3,565						94.1	94.3	93.7	88.0	86.0	81.0	111.0	160	260	
Frame Type: 365TS			Type of constr.: (A) Foot mounted - End shield							Ins. Cl.:Standard Class F Insulation		Motor Prot.:(A) Without Protection				NEMA Des.: B		S.F.: 1.15		
Mtr. WT:888										Temp. Rise Cl.: B		Amb. Temp.: + 40 to -20 °C @1000 m				kVA: G		I.P.: 55		

Mechanical data

Sound level (SPL / SWL) at 60 Hz				87.0 dB(A) / 98.0 dB(A)				Thickener				Polyurea											
Octave Band Center Frequencies Hertz								Safe Stall Time Hot								16 s							
250		500		1000		2000		4000		8000		Hz		Safe Stall Time Cold				27 s					
SPL@3		74.0		77.0		82.0		83.0		77.0		67.0		dB(A)		Frame material				cast iron			
Moment of inertia								11.0 Lb-ft²								Color, paint shade				Standard Paint - RAL7030			
Ext Load Inertia Capability:								71.0 Lb ft²								Coating (paint finish)				Standard Alkyed + Epoxy (C2)			
Bearings																Ventilation Type							
Bearing DE NDE				6314 Z C3 S0				6214 ZZ C3 S0				Method of cooling								TEFC			
Bearing_Type				Ball Bearing				Ball Bearing				Direction of rotation								Bidirectional			
AFBMA:				70BC03JP30				70BC02JPP30				Fan Material								Polypropylen ESD			
Grease																VFD				CT: 4:1 VT: 20:1			
Capacity				7.50 oz				6.70 oz				Space heaters								without			
Grease Type:								Exxon Mobile EM								Brake:				without			

Terminal box

Lead Wire Connection			3 LEAD - DELTA		Terminal box position	(3) F-1, Standard Floor Mount, T. Box LHS
Voltage	L1	L1	L1	Connected together	Material of terminal box	Stamped Steel
----	----	----	----	----	Cable entry	3" NPT
----	T1	T2	T3	----		

Notes:																							
I _L /I _N = locked rotor current / current nominal												3) Value is valid only for DOL operation with motor design IC411											
M _L /M _N = locked rotor torque / torque nominal												2) at rated power / at full load											
M _b /M _N = break down torque / nominal torque																							

responsible dep.		technical reference		created by		approved by		Technical data are subject to change! There may be discrepancies between catalog and actual plate surface			
DI MC LVM				DT Configurator							
		document type				document status		customer			
		datasheet				released					
		title				document number					
		1LE2221-3DA29-0AA3-Z									
		B09+D05+M1Y+Y80									
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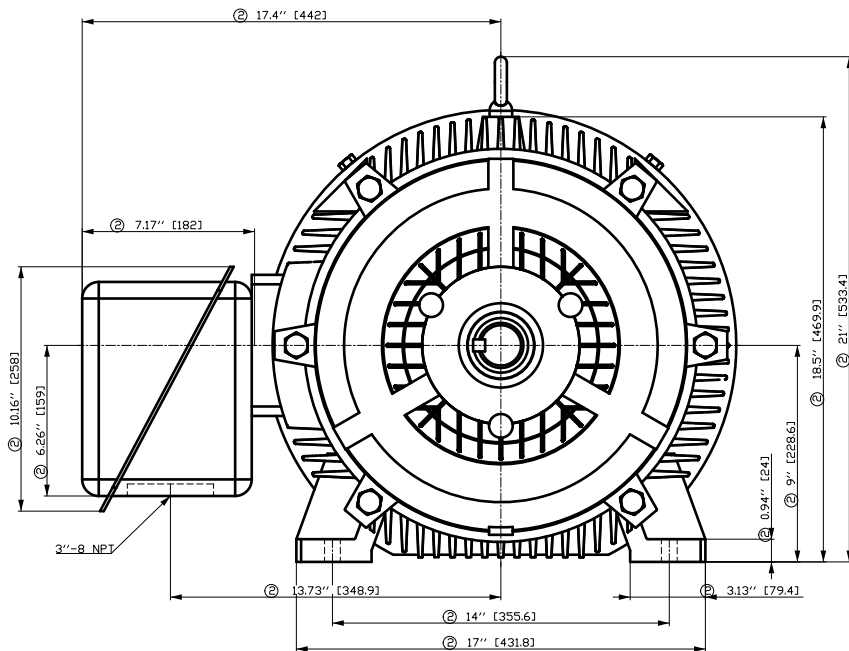
Motor type: GP100 FS: 365TS - 2p - 75 hp -

Special design

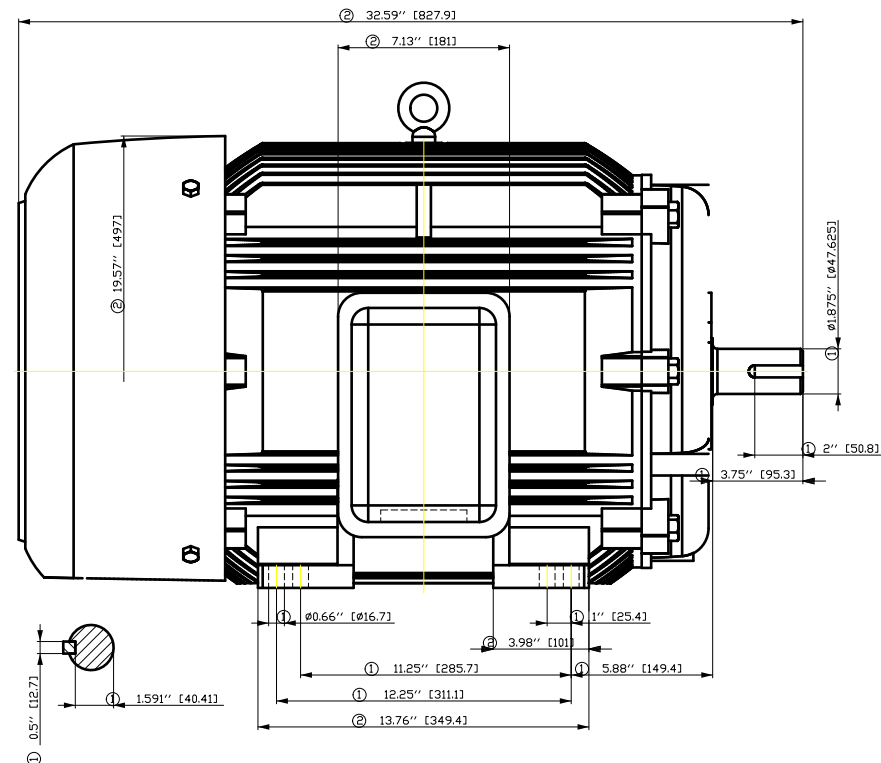
B09	Export packing sea freight - Siemens standard	M1Y	Special voltage (200-460V)
D05	Documentation in Spanish	Y80	Rerate / derate altitude and/or ambient:

Notes:

responsible dep. DI MC LVM	technical reference	created by DT Configurator	approved by		Technical data are subject to change! There may be discrepancies between calculated and actual data before			
	document type datasheet	document status released			customer			
	title 1LE2221-3DA29-0AA3-Z	document number						
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- ① Tolerances according to NEMA std.
- ② All these dimensions corresponding to assemblies and castings shall have a tolerance as per DIN standard 1686-GTB 19.
- ③ Not according to NEMA std.

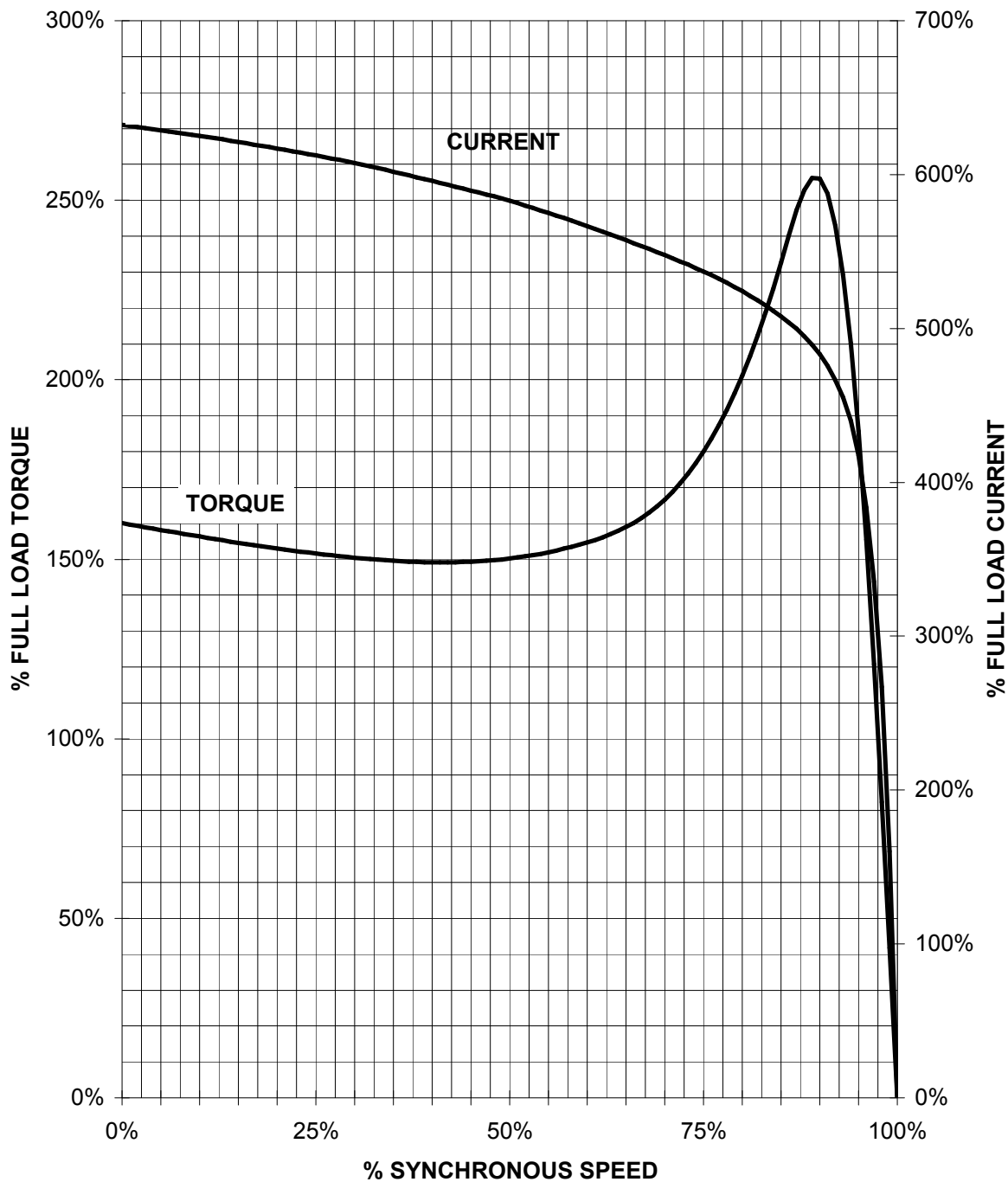


Tolerance	Surface	Material	Weight	Scale
1LE2221-3DA29-0AA3-Z B09+D05+M1Y+Y80	Author Creator Approval Department Change Order	Dimensional drawing Maßzeichnung		
SIEMENS © Siemens AG 2018	Doc. State	4/21/21	Item No	Paper Size
	Revision	Index	Doc No	1st Language
	Project No	-	Ref No	2nd Language
				Sheet

SIEMENS INDUSTRY, INC.

HP 75 VOLTS < 600V RPM 3600 TYPE GP100
HZ 60 PHASE 3 FRAME 365TS NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____

PERFORMANCE BASED ON DESIGN CALCULATIONS. SUBJECT TO CHANGE WITHOUT NOTICE.
REV. 1

Main terminal diagram

responsible dep. DI MC LVM	technical reference	created by	approved by	Project				
	document type Wiring Diagram			document status free		customer		
	title 1LE2221-3DA29-0AA3-Z			document number				
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