

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

Motor type:	FS: - p - hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
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Electrical data
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[illegible]

Frame Type:	Type of constr.:		Motor Prot.:	NEMA Des.:	S.F.: 1.15
Mtr. WT: lbs	Insulation Class.:	Temp. Rise Cl.: B	Amb. Temp.: + to °C @1000 m	kVA:	IP IP65

Mechanical data
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Sound level (SPL / SWL) at 60 Hz				dB(A) / dB(A)			
Octave Band Center Frequencies Hertz							
250	500	1000	2000	4000	8000	Hz	
SPL@3				dB(A)			
Moment of inertia				Lb-ft²			
Ext Load Inertia Capability:				Lb ft²			
Bearings							
Bearing DE   NDE							
Bearing_Type				Ball Bearing			
AFBMA:							
Grease							
Capacity				oz		oz	
Grease Type:							

Thickener	
Safe Stall Time Hot	s
Safe Stall Time Cold	s
Frame material	cast iron
Color, paint shade	
Coating (paint finish)	Standard Alkyed + Epoxy (C2)
Ventilation Type	
Method of cooling	TEFC
Direction of rotation	
Fan Material	Polypropylen ESD
VFD	CT: VT: 20:1
Space heaters	-/-
Brake:	-/-


Terminal box
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Lead Wire Connection					Terminal box position	
Voltage	L1	L2	L3	Connected together	Material of terminal box	Cast Iron
					Cable entry	-/-

## Notes:


$I_{\text{N}}/I_{\text{N}}$ = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
$M_{\text{N}}/M_{\text{N}}$ = locked rotor torque / torque nominal	2) at rated power / at full load
$M_{\text{B}}/M_{\text{N}}$ = break down torque / nominal torque	

Responsible department IN LVM	Technical reference	Created by SPC	Approved by	<i>Technical data are subject to change! There may be discrepancies</i>
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	Document title 1MB2221-3AB1.-....	Document number			
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Main terminal diagram

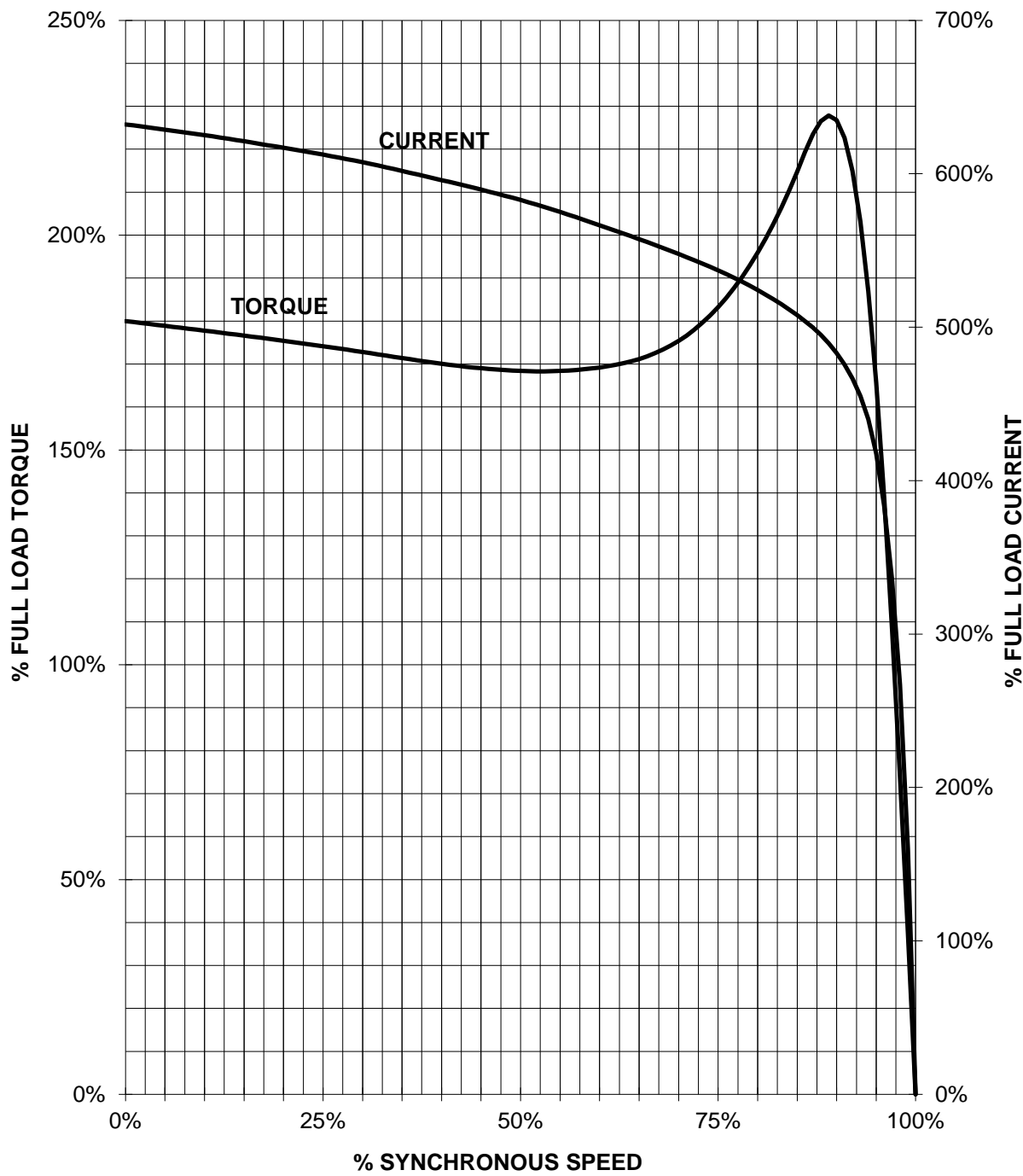
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		<a href="#">Link documents</a>	
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SIEMENS INDUSTRY, INC.

HP 40      VOLTS <600      RPM 1800      TYPE XP100 1D1  
HZ 60      PHASE 3      FRAME 324T      NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: \_\_\_\_\_ ORDER#: \_\_\_\_\_

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