

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)		Thickener		
Octave Band Center Frequencies Hertz									Safe Stall Time Hot		s
250 500 1000 2000 4000 8000 Hz									Safe Stall Time Cold		s
SPL@3							dB(A)		Frame material		cast iron
Moment of inertia							Lb-ft²		Color, paint shade		
Ext Load Inertia Capability:							Lb ft²		Coating (paint finish)		Standard Alkyed + Epoxy (C2)
Bearings									Ventilation Type		
Bearing DE   NDE									Method of cooling		TEFC
Bearing_Type							Ball Bearing		Direction of rotation		
AFBMA:									Fan Material		Polypropylen ESD
Grease									VFD		CT: VT: 20:1
Capacity							oz		Space heaters		-/-
Grease Type:									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	


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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 type Datasheet	Document status Released		customer	
	Document title 1MB2221-2AA1.-....	Document number			
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Main terminal diagram

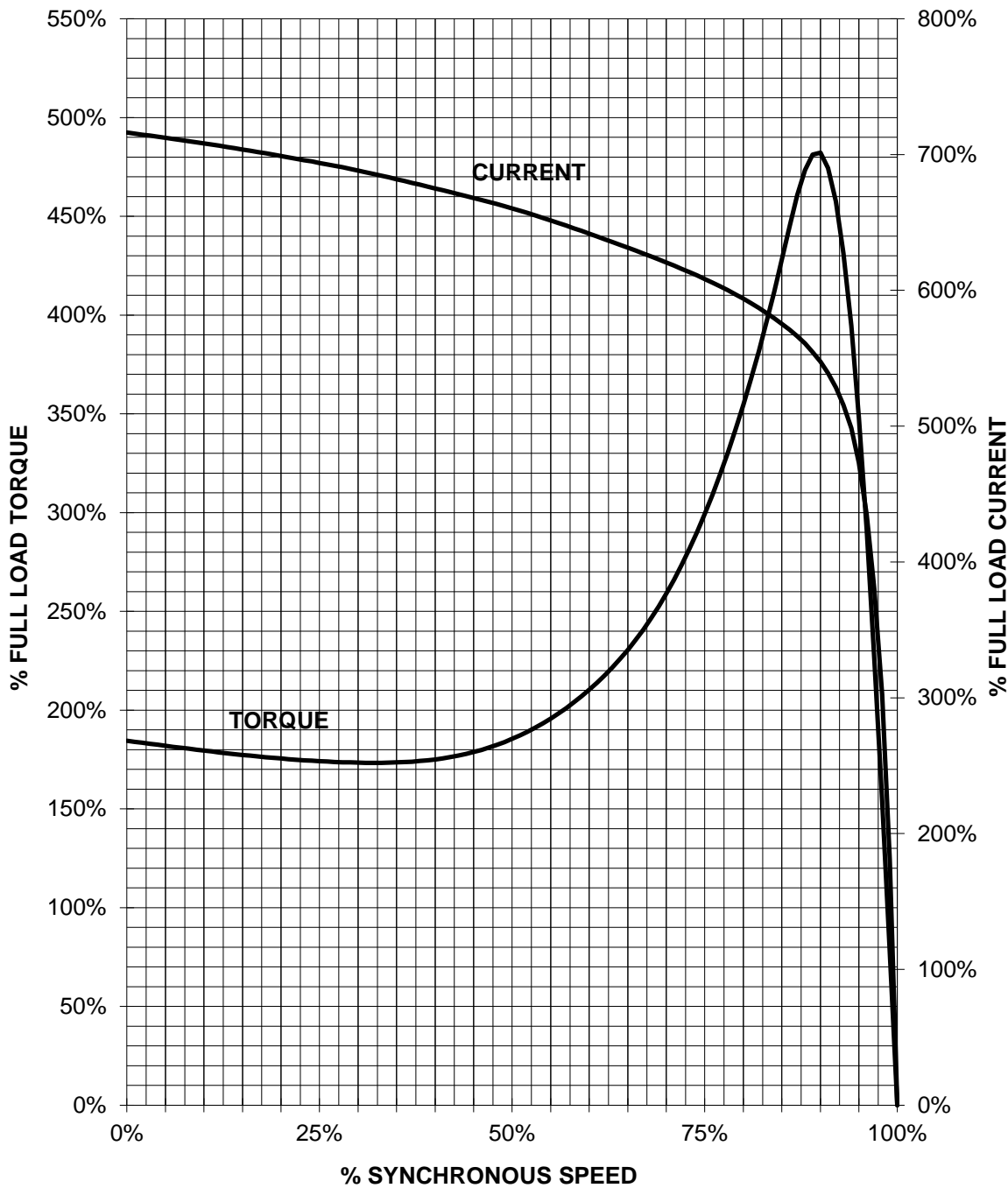
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		<a href="#">Link documents</a>	
	Document type Wiring diagramm			Document status Released			
	Document title 1MB2221-2AA1.-....			Document number WDS-240503-071516			
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SIEMENS INDUSTRY, INC.

HP 7,5 VOLTS <600 RPM 3600 TYPE XP100 1D1  
HZ 60 PHASE 3 FRAME 213T NEMA B

TORQUE & CURRENT VS. SPEED



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