

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

Motor type: FS: - p - hp -

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

Remarks

Electrical data

[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.: + 55 to °C @1000 m	kVA:	IP IP65

Mechanical data

Sound level (SPL / SWL) at 60 Hz							dB(A) / dB(A)		Thickener	
Octave Band Center Frequencies Hertz									Safe Stall Time Hot	
250 500 1000 2000 4000 8000 Hz									s	
SPL@3							dB(A)		Safe Stall Time Cold	
									s	
									Frame material	
									cast iron	
Moment of inertia							Lb-ft²		Color, paint shade	
Ext Load Inertia Capability:							Lb ft²			
Bearings									Coating (paint finish)	
Bearing DE NDE									Standard Alkyed + Epoxy (C2)	
Bearing_Type							Ball Bearing		Ventilation Type	
AFBMA:									Method of cooling	
Grease									TEFC	
Capacity							oz		Direction of rotation	
Grease Type:									Fan Material	
									Polypropylen ESD	
									VFD	
									CT: VT: 20:1	
									Space heaters	
									-/-	
									Brake:	
									-/-	

Terminal box


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

Notes:

I_{rl}/I_N = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
M_{rl}/M_N = locked rotor torque / torque nominal	2) at rated power / at full load
M_{br}/M_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 1MB2121-3AD1.-....	Document number			
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Main terminal diagram

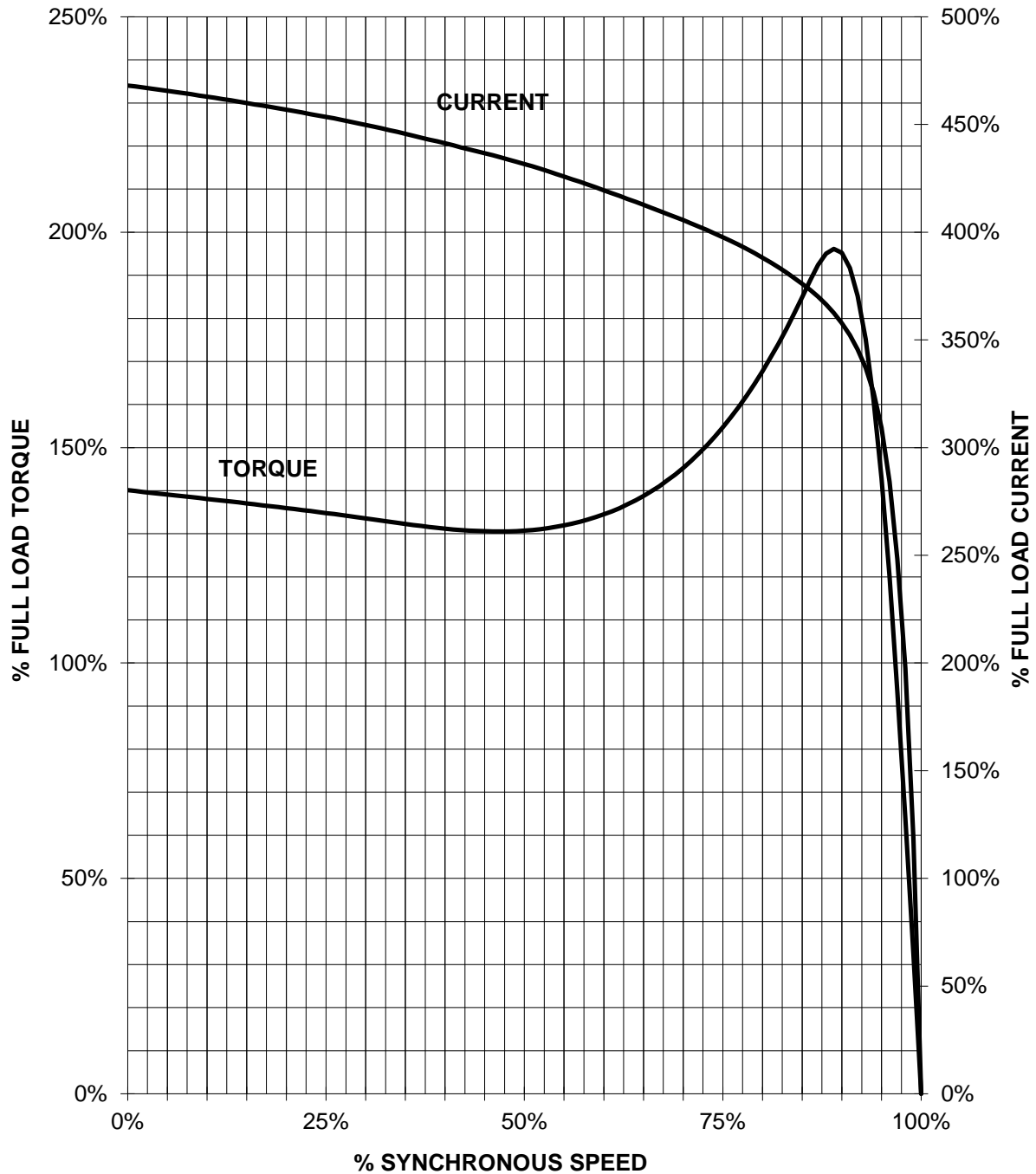
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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SIEMENS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

HP 20 VOLTS <600 RPM 900 TYPE XP100
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