

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

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.: + 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	Safe Stall Time Cold
8000	Hz			Frame material	
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	
Grease Type:					
				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


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

Notes:

$I_{\text{r}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{r}}/M_{\text{N}}$ = locked rotor torque / torque nominal $M_{\text{b}}/M_{\text{N}}$ = break down torque / nominal torque	3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load
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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 title 1MB2221-3AC1.-....	Document number			
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Main terminal diagram

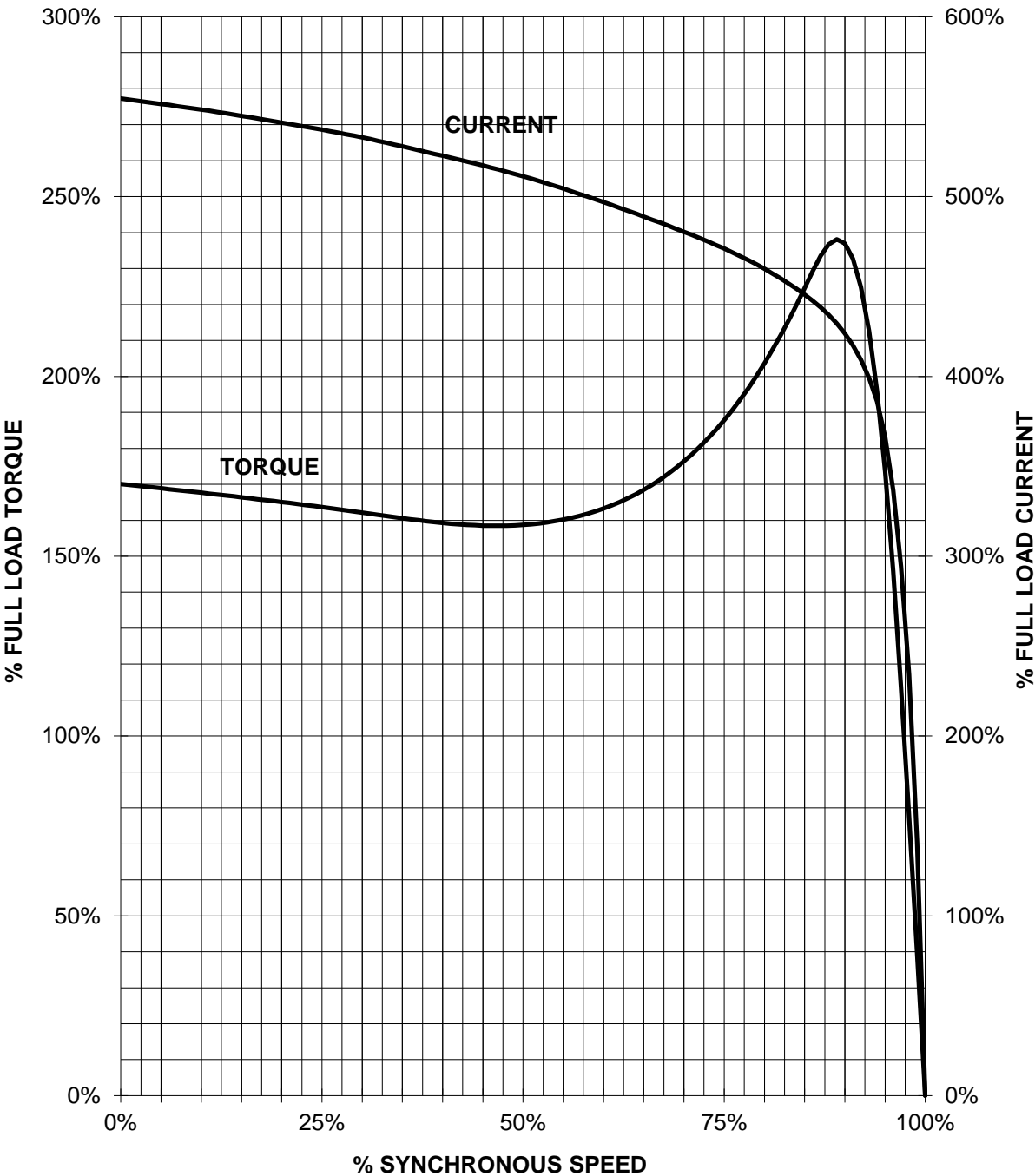
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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SIEMENS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

HP 25 VOLTS <600 RPM 1200 TYPE XP100 1D1
HZ 60 PHASE 3 FRAME 324T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____