

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	
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Electrical data

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque	T_A/T_N	T_k/T_N
						4/4	3/4	1/2	0	LRC	4/4	3/4	2/4	4/4	3/4	2/4	[lb-ft]	LRT [%]	BDT [%]
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)	
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

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


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 department IN LVM	Technical reference	Created by SPC	Approved by	Technical data are subject to change! There may be discrepancies			
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	Document title 1MB2121-3CC2.-....	Document number					
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Main terminal diagram

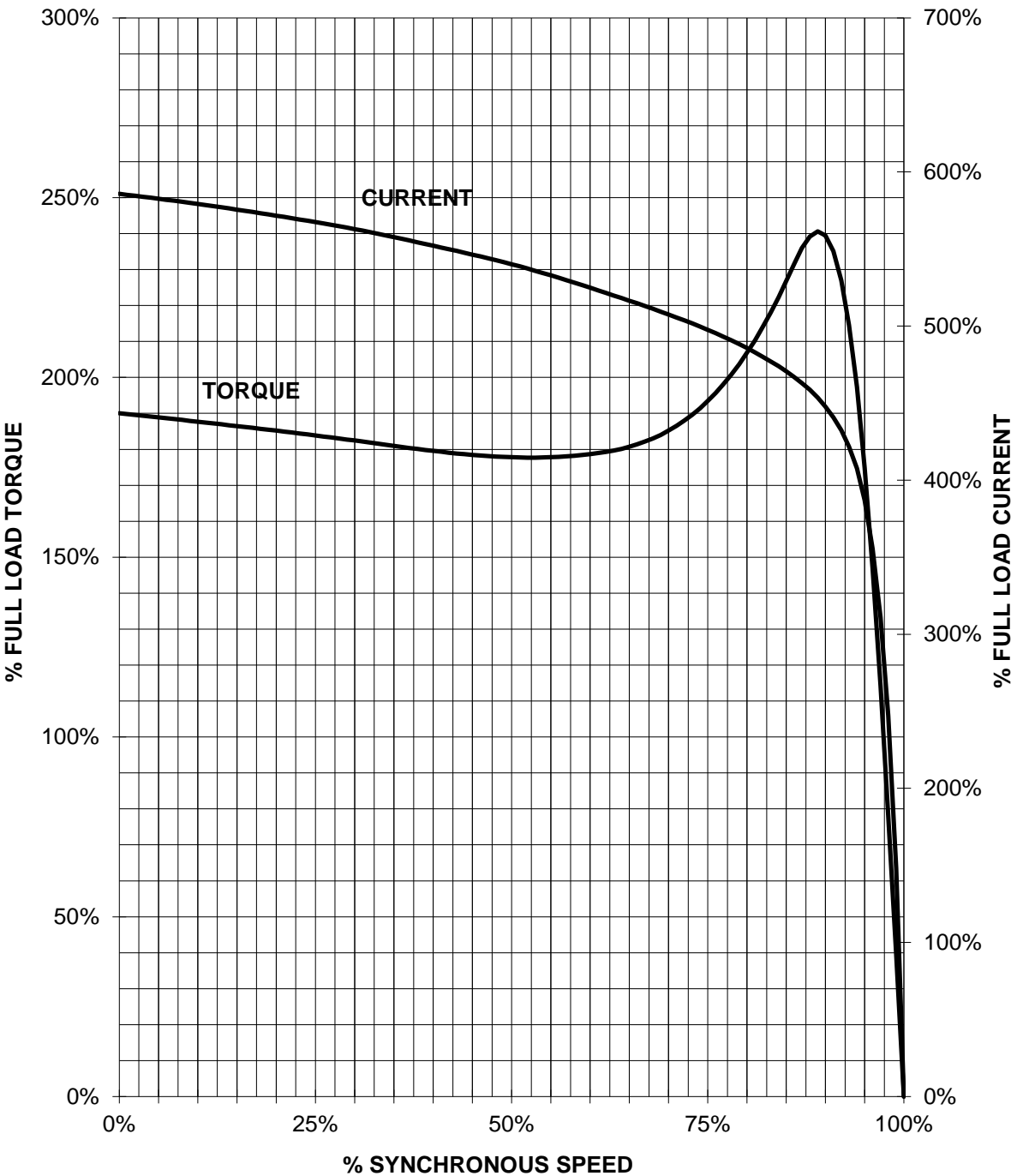
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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SIEMENS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

HP 50 VOLTS <600 RPM 1200 TYPE XP100
HZ 60 PHASE 3 FRAME 365T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____

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REV. 1