

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

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.: + 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		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


Lead Wire Connection					Terminal box position				
Voltage	L1	L2	L3	Connected together	Material of terminal box				
					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			
		Document type Datasheet			Document status Released		customer		
		Document title 1MB2221-4AB2-.....			Document number				
					Revision 01	Creation date 2024-05-05 07:24		Language en	Page 1/1
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Main terminal diagram

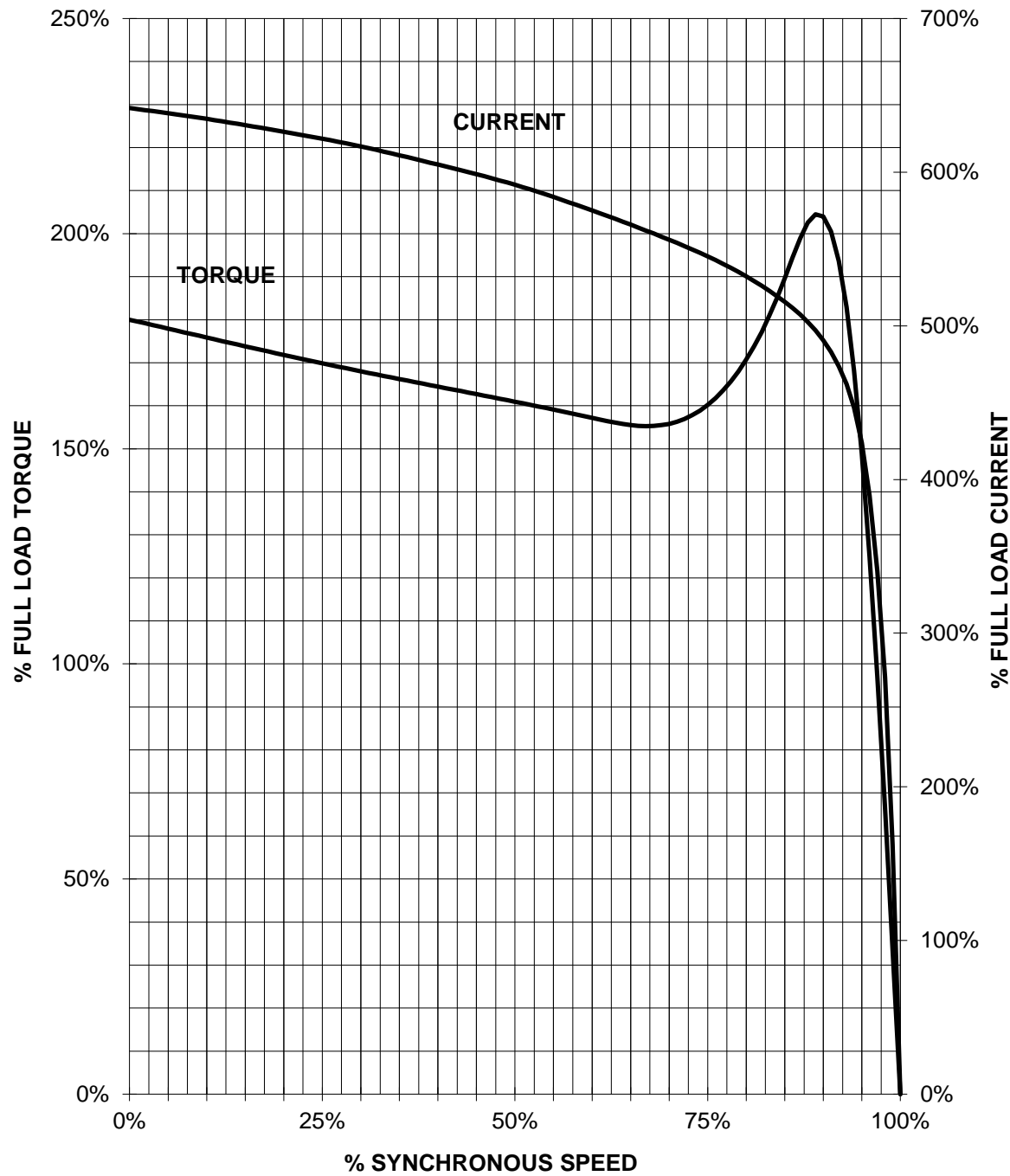
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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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SIEMENS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

HP 100 VOLTS <600 RPM 1800 TYPE XP100 1D1
HZ 60 PHASE 3 FRAME 405T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____

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