

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.: + 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	Cast Iron
					Cable entry	-/-

Notes:


I_{r}/I_{N} = locked rotor current / current nominal M_{r}/M_{N} = locked rotor torque / torque nominal M_{b}/M_{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
--	--

Responsible department IN LVM	Technical reference	Created by SPC	Approved by	<i>Technical data are subject to change! There may be discrepancies</i>
----------------------------------	---------------------	-------------------	-------------	---

	Document type Datasheet	Document status Released		customer	
	Document title 1MB2221-2AB1.-....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-06 13:22	Language en	Page 1/1

Main terminal diagram

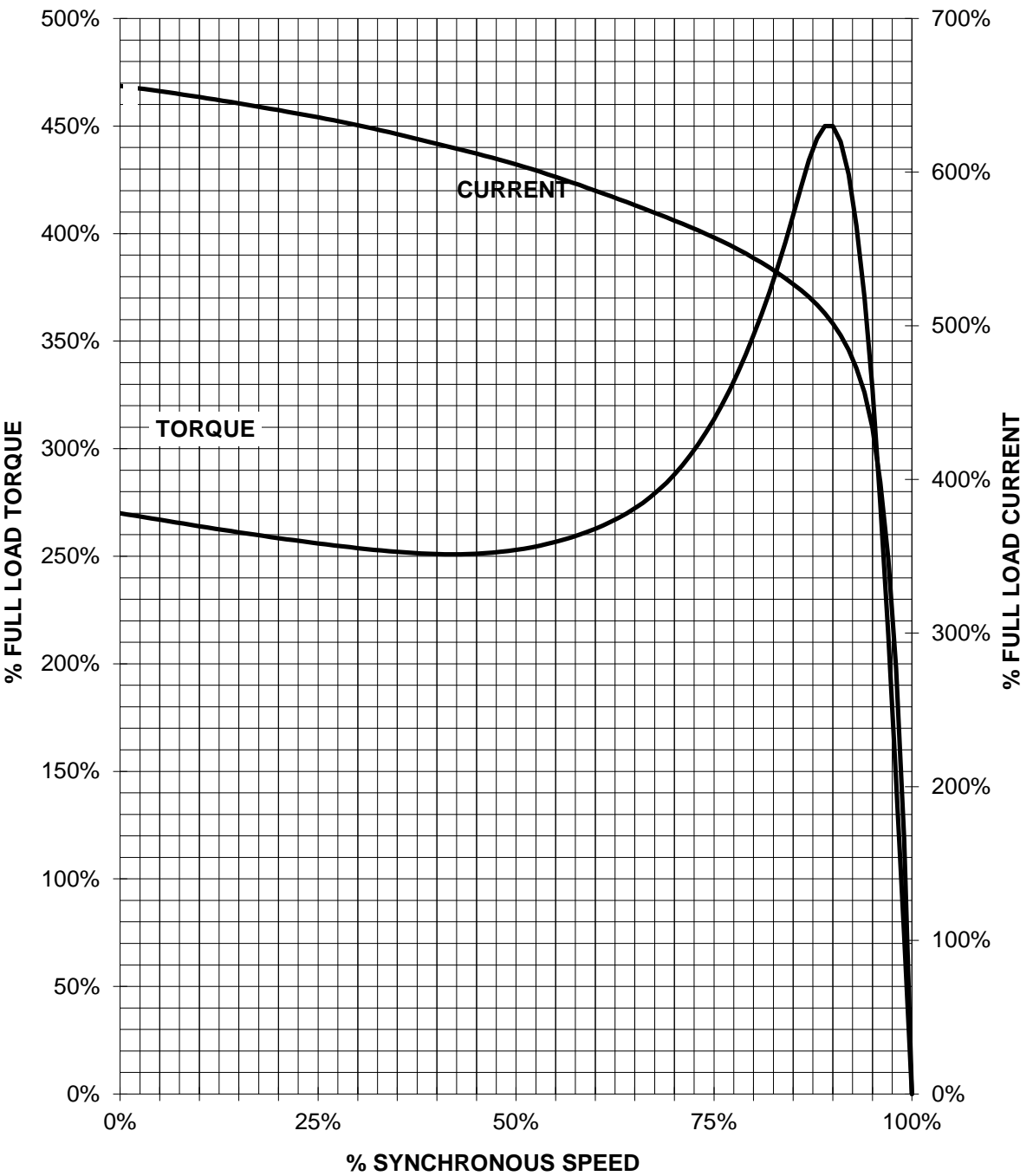
Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved.

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	
	Document type Wiring diagramm			Document status Released			
	Document title 1MB2221-2AB1.-.....			Document number WDS-240506-132248			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-06	Language en	Page 1/1

SIEMENS INDUSTRY, INC.

HP 7,5 VOLTS <600 RPM 1800 TYPE XP100 1D1
HZ 60 PHASE 3 FRAME 213T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____