

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)			
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:

$I_{\text{N}}/I_{\text{N}}$ = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
$M_{\text{N}}/M_{\text{N}}$ = locked rotor torque / torque nominal	2) at rated power / at full load
$M_{\text{B}}/M_{\text{N}}$ = break down torque / nominal torque	


$I_{\text{N}}/I_{\text{N}}$ = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
$M_{\text{N}}/M_{\text{N}}$ = locked rotor torque / torque nominal	2) at rated power / at full load
$M_{\text{B}}/M_{\text{N}}$ = break down torque / nominal torque	

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 1MB2221-1AB4.-....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-07 07:38	Language en	Page 1/1

Main terminal diagram

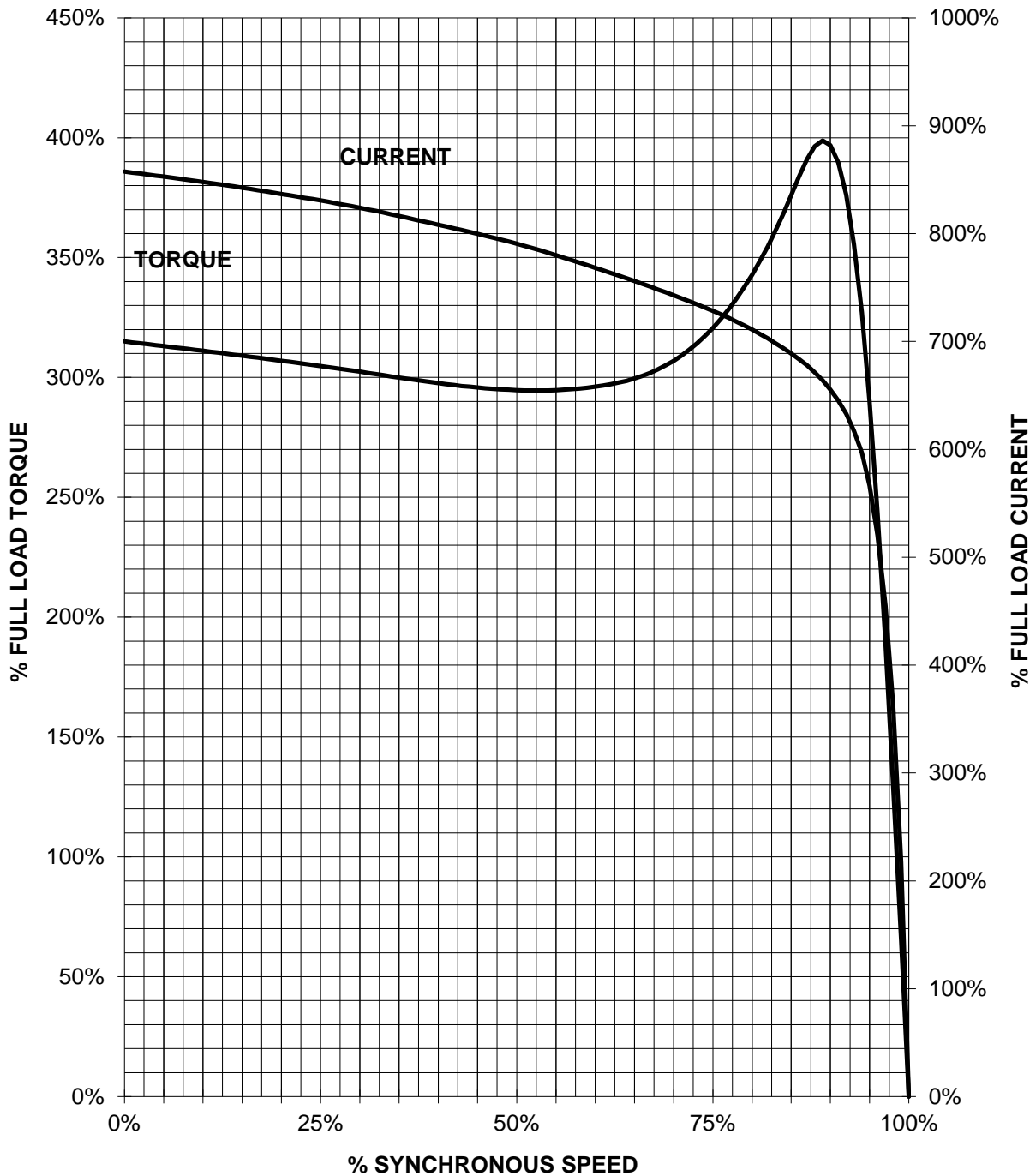
Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of 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.		<a href="#">Link documents</a>	
	Document type Wiring diagramm			Document status Released			
	Document title 1MB2221-1AB4.-....			Document number WDS-240507-073839			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-07	Language en	Page 1/1

SIEMENS INDUSTRY, INC.

HP 2 VOLTS <600 RPM 1800 TYPE XP100 1D1  
HZ 60 PHASE 3 FRAME 145T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: \_\_\_\_\_ ORDER#: \_\_\_\_\_