

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.: + 55 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		s									
1000								2000		Safe Stall Time Cold									
4000								8000		s									
SPL@3								dB(A)		Frame material									
Moment of inertia								Lb-ft ²		Color, paint shade									
Ext Load Inertia Capability:								Lb ft ²		Coating (paint finish)									
Bearings										Ventilation Type									
Bearing DE NDE										Method of cooling									
Bearing_Type								Ball Bearing		Direction of rotation									
AFBMA:										Fan Material									
Grease										VFD									
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 _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 1MB2121-4EB1.-....			Document number				
					Revision 01	Creation date 2024-05-05 11:24		Language en	Page 1/1
© ABB 2024									

Main terminal diagram

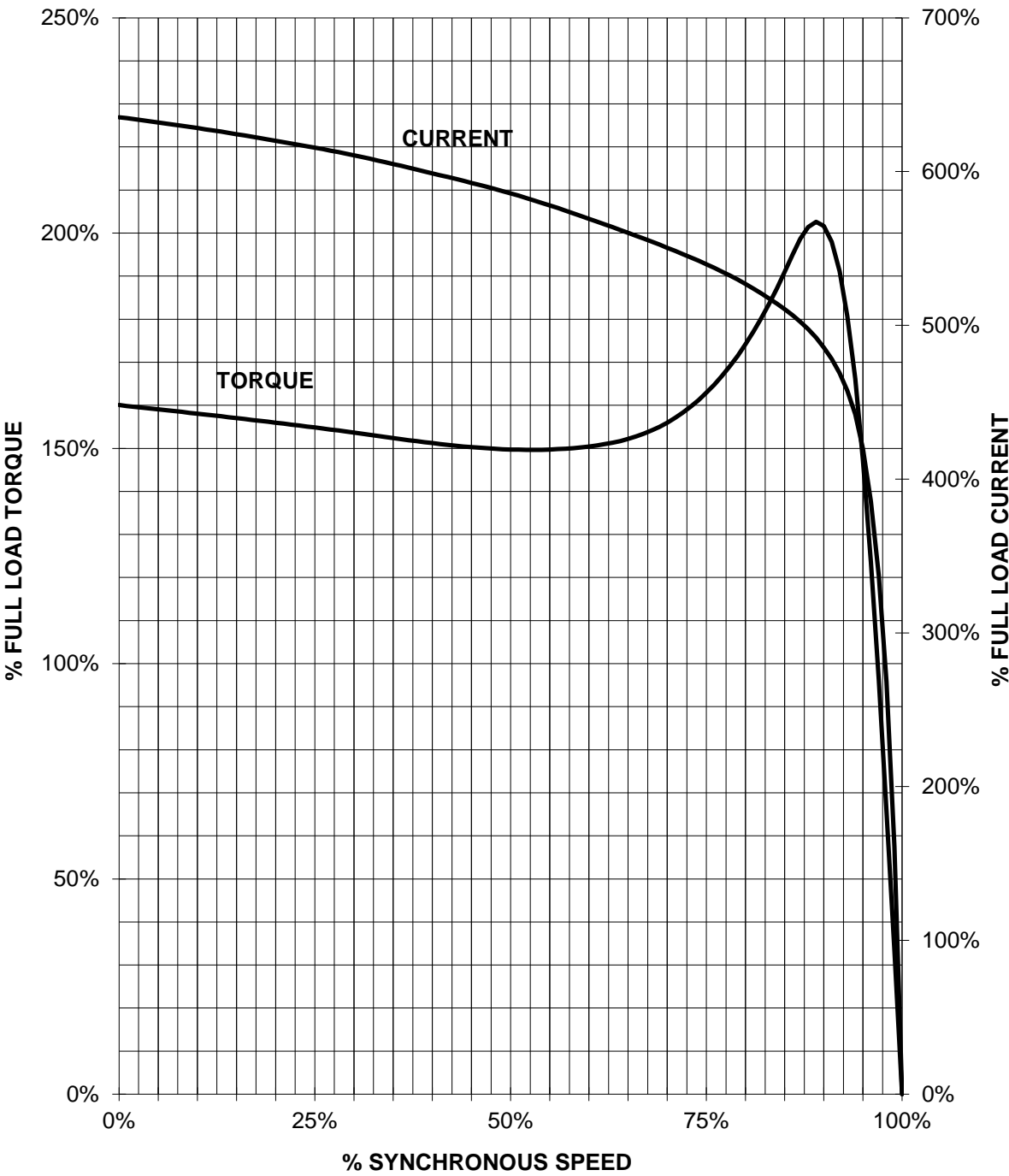
Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of 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 1MB2121-4EB1.-....			Document number WDS-240505-112426			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-05	Language en	Page 1/1

SIEMENS INDUSTRY, INC.

HP 125 VOLTS <600 RPM 1800 TYPE XP100
HZ 60 PHASE 3 FRAME B444T NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____