

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 <sub>A</sub> /T <sub>N</sub>	T <sub>k</sub> /T <sub>N</sub>	
						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 <sup>2</sup>		Color, paint shade									
Ext Load Inertia Capability:								Lb ft <sup>2</sup>		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

$M_L/M_N$  = 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

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	Document type Datasheet			Document status Released		customer		
	Document title 1MB2121-3BC1-.....			Document number				
	© ABB 2024				Revision 01	Creation date 2024-05-04 19:12	Language en	Page 1/1

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.		<a href="#">Link documents</a>	
	Document type Wiring diagramm			Document status Released			
	Document title 1MB2121-3BC1.-....			Document number WDS-240504-191259			
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