

Data sheet for three-phase Squirrel-Cage-Motors ABB

Motor type:	FS: 254T - p - 15 hp -
-------------	------------------------

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
---------

Electrical data
-----------------

[illegible]

Frame Type: 254T	Type of constr.:		Motor Prot.:	NEMA Des.:	S.F.: 1.15
Mtr. WT: lbs	Insulation Class.:Standard Class F Insulation	Temp. Rise Cl.: B	Amb. Temp.: + 40 to -20 °C @1000 m	kVA:	IP 55

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      1000      2000      4000      8000      Hz										s	
SPL@3								dB(A)		Safe Stall Time Cold	
										s	
Moment of inertia								Lb-ft²		Frame material	
Ext Load Inertia Capability:								Lb ft²		Color, paint shade	
Bearings										Standard Paint - RAL7030	
Bearing DE   NDE										Coating (paint finish)	
Bearing_Type								Ball Bearing		Standard Alkyed + Epoxy (C2)	
AFBMA:										Ventilation Type	
Grease										Method of cooling	
Capacity								oz		Direction of rotation	
Grease Type:										Fan Material	
										VFD	
										CT:    VT:	
										Space heaters	
										-/-	
										Brake:	
										-/-	


Terminal box
--------------

Lead Wire Connection					Terminal box position
Voltage	L1	L2	L3	Connected together	Material of terminal box
					Cable entry
					-/-

## Notes:


$I_{\text{r}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{r}}/M_{\text{N}}$ = locked rotor torque / torque nominal $M_{\text{b}}/M_{\text{N}}$ = 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 1LE2321-2BB1-.....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-06 23:52	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 1LE2321-2BB1.-....			Document number WDS-240506-235249			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-06	Language en	Page 1/1