

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

Motor type: FS: 286T - p - 15 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]					LRC	Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T <sub>A</sub> /T <sub>N</sub> LRT [%]	T <sub>k</sub> /T <sub>N</sub> BDT [%]
						4/4	3/4	1/2	0	4/4		3/4	2/4	4/4	3/4	2/4				
		60	15.00	11.00																
Frame Type: 286T			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										
										s										
250 500 1000 2000 4000 8000 Hz										Safe Stall Time Cold										
SPL@3								dB(A)		s										
Moment of inertia								Lb-ft <sup>2</sup>		Frame material										
Ext Load Inertia Capability:								Lb ft <sup>2</sup>		Color, paint shade										
										Standard Paint - RAL7030										
Bearings										Coating (paint finish)										
Bearing DE   NDE										Ventilation Type										
Bearing_Type								Ball Bearing		Method of cooling										
AFBMA:										Direction of rotation										
Grease										Fan Material										
Capacity								oz oz		VFD										
Grease Type:										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				

<b>Notes:</b>									
I <sub>L</sub> /I <sub>N</sub> = locked rotor current / current nominal					3) Value is valid only for DOL operation with motor design IC411				
M <sub>L</sub> /M <sub>N</sub> = locked rotor torque / torque nominal					2) at rated power / at full load				
M <sub>b</sub> /M <sub>N</sub> = 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 1LE2321-2CD2.-....			Document number				
					Revision 01	Creation date 2024-05-03 11:43		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.		<a href="#">Link documents</a>	
	Document type Wiring diagramm			Document status Released			
	Document title 1LE2321-2CD2.-....			Document number WDS-240503-114401			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-03	Language en	Page 1/1