

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

Motor type: FS: 215T - p - 3 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 _A /T _N	T _k /T _N
						4/4	3/4	1/2	0	4/4		3/4	2/4	4/4	3/4	2/4	LRT [%]		BDT [%]	
		60	3.00	2.00																
Frame Type: 215T			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			Safe Stall Time Cold	
SPL@3							dB(A)		Frame material	
Moment of inertia							Lb-ft²		Color, paint shade	
Ext Load Inertia Capability:							Lb ft²		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		CT: VT:	
Grease Type:									Space heaters	
									Brake:	

Terminal box


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

Notes:		3) Value is valid only for DOL operation with motor design IC411	
I _L /I _N = locked rotor current / current nominal		2) at rated power / at full load	
M _L /M _N = locked rotor torque / torque nominal			
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 1LE2321-2AD2.-....			Document number			
	© ABB 2024				Revision 01	Creation date 2024-05-18 15:19	Language en

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 1LE2321-2AD2.-....			Document number WDS-240518-151942			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-18	Language en	Page 1/1