

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

Motor type:	FS: 182T - p - 1.5 hp -
-------------	-------------------------

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

Remarks

Electrical data

[illegible]

Frame Type: 182T	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		s	
SPL@3				dB(A)				Frame material			
Moment of inertia				Lb-ft²				Color, paint shade			Standard Paint - RAL7030
Ext Load Inertia Capability:				Lb ft²				Coating (paint finish)			Standard Alkyed + Epoxy (C2)
Bearings								Ventilation Type			
Bearing DE NDE								Method of cooling			
Bearing_Type				Ball Bearing				Direction of rotation			
AFBMA:								Fan Material			
Grease								VFD			CT: VT:
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
					Cable entry
					-/-

Notes:


$I_{\text{N}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{N}}/M_{\text{N}}$ = 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 1LE2421-1CC1-.....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-03 11:49	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.		Link documents	
	Document type Wiring diagramm			Document status Released			
	Document title 1LE2421-1CC1.-....			Document number WDS-240503-114940			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-03	Language en	Page 1/1