

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

Motor type:	FS: 447TS - p - 150 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
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Electrical data	
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[illegible]

Frame Type: 447TS	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 54

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
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Responsible department IN LVM	Technical reference	Created by SPC	Approved by	<i>Technical data are subject to change! There may be discrepancies</i>
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	Document type Datasheet	Document status Released		customer	
	Document title 1LE2221-4DC3-....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-06 11:12	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 1LE2221-4DC3.-....			Document number WDS-240506-111301			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-06	Language en	Page 1/1