

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

Motor type: FS: 324TS - p - 40 hp -

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

Remarks

Electrical data

[illegible]

Frame Type: 324TS	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)	
Octave Band Center Frequencies Hertz								
250	500	1000	2000	4000	8000	Hz		
SPL@3							dB(A)	
Moment of inertia				Lb-ft²				
Ext Load Inertia Capability:				Lb ft²				
Bearings								
Bearing DE NDE								
Bearing_Type				Ball Bearing				
AFBMA:								
Grease								
Capacity				oz		oz		
Grease Type:								

Thickener	
Safe Stall Time Hot	s
Safe Stall Time Cold	s
Frame material	
Color, paint shade	Standard Paint - RAL7030
Coating (paint finish)	Standard Alkyed + Epoxy (C2)
Ventilation Type	
Method of cooling	
Direction of rotation	
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_{rl}/I_N = locked rotor current / current nominal M_{rl}/M_N = locked rotor torque / torque nominal M_{br}/M_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 1LE2321-3BB1-.....	Document number			
© ABB 2024		Revision 01	Creation date 2024-05-04 17:05	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.		Link documents	
	Document type Wiring diagramm			Document status Released			
	Document title 1LE2321-3BB1.-....			Document number WDS-240504-170527			
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