

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

Motor type: SD200 NEMA Premium Next Generation

FS: 5013S - 6p - 600 hp -

Client order no.

Item-No.	Item-Name	Unit	Rate	Quantity	Amount
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Offer no.

Order no.

Consignment no.	
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Project

Remarks

Electrical data

[illegible]

Frame Type: 50135	Type of constr.:		Motor Prot.:	NEMA Des.:	S.F.: 1.15
Mtr. WT: lbs	Insulation Class.:	Temp. Rise Cl.: B	Amb. Temp.: + 40 to °C @1000 m	kVA:	IP

Mechanical data

Sound level (SPL / SWL) at 60 Hz	dB(A) / dB(A)							Thickener	Polyurea
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)	
Moment of inertia								Lb-ft²	
Ext Load Inertia Capability:								Lb ft²	
Bearings									
Bearing DE NDE				6322 Z C3 S0		6322 Z C3 S0			
Bearing_Type				Ball Bearing		Ball Bearing			
AFBMA:				110BC03JP3		110BC03JP3			
Grease									
Capacity				17 oz		17 oz			
Grease Type:									
								VFD	
								Space heaters	
								Brake:	
								CT: VT: 20:1	
								without	
								-/-	

Terminal box

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

Notes:

I_A/I_N = locked rotor current / current nominal
 M_A/M_N = locked rotor torque / torque nominal
 M_K/M_N = break down torque / nominal torque

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>
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Document type

Datasheet

Document title

1LE6321-5FC7.-....

Document status

Released

Document number

customer

Revision

Creation date	
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Language	
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2024-05-04 08:52

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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 1LE6321-5FC7.-....			Document number WDS-240504-085207			
Restricted © Innomotics 2024				Revision AA	Creation date 2024-05-04	Language en	Page 1/1