

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

Motor type: SD200 NEMA Premium 841 FS: 447TS - 2p - 200 hp -

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.:	Temp. Rise Cl.: B	Amb. Temp.: + 40 to °C @1000 m	kVA:	IP

Mechanical data
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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	
SPL@3										dB(A)				Safe Stall Time Cold		s			
												Frame material		Cast iron					
Moment of inertia										Lb-ft²		Color, paint shade							
Ext Load Inertia Capability:										Lb ft²		Coating (paint finish)							
Bearings												Ventilation Type							
Bearing DE   NDE								6315 Z C3 S0		6315 Z C3 S0		Method of cooling		TEFC					
Bearing_Type								Ball Bearing		Ball Bearing		Direction of rotation							
AFBMA:								75BC03JP3		75BC03JP3		Fan Material							
Grease												VFD		CT: VT: 20:1					
Capacity								15 oz		15 oz		Space heaters		without					
Grease Type:												Brake:		-/-					


Terminal box
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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	3) Value is valid only for DOL operation with motor design IC411
$M_{\text{N}}/M_{\text{N}}$ = locked rotor torque / torque nominal	2) at rated power / at full load
$M_{\text{B}}/M_{\text{N}}$ = break down torque / nominal torque	

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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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>	
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