

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

Motor type: SD200 NEMA Premium Next Generation **FS: L449TS - 4p - 350 hp -**

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

Remarks

Electrical data

U [V]	Δ/Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					LRC	Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T _A /T _N LRT [%]	T _k /T _N BDT [%]
						4/4	3/4	1/2	0	4/4		3/4	2/4	4/4	3/4	2/4				
Frame Type: L449TS		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)		Frame material	Cast iron	Color, paint shade	
Moment of inertia	Lb-ft ²		Coating (paint finish)		Ventilation Type		Method of cooling	TEFC
Ext Load Inertia Capability:	Lb ft ²		Direction of rotation		Fan Material		VFD	CT: VT: 20:1
Bearings	6315 Z C3 S0		6315 Z C3 S0		Space heaters	without	Grease Type:	-/-
Bearing_Type	Ball Bearing		Ball Bearing		Brake:			
AFBMA:	75BC03JP3		75BC03JP3					
Grease	15 oz		15 oz					

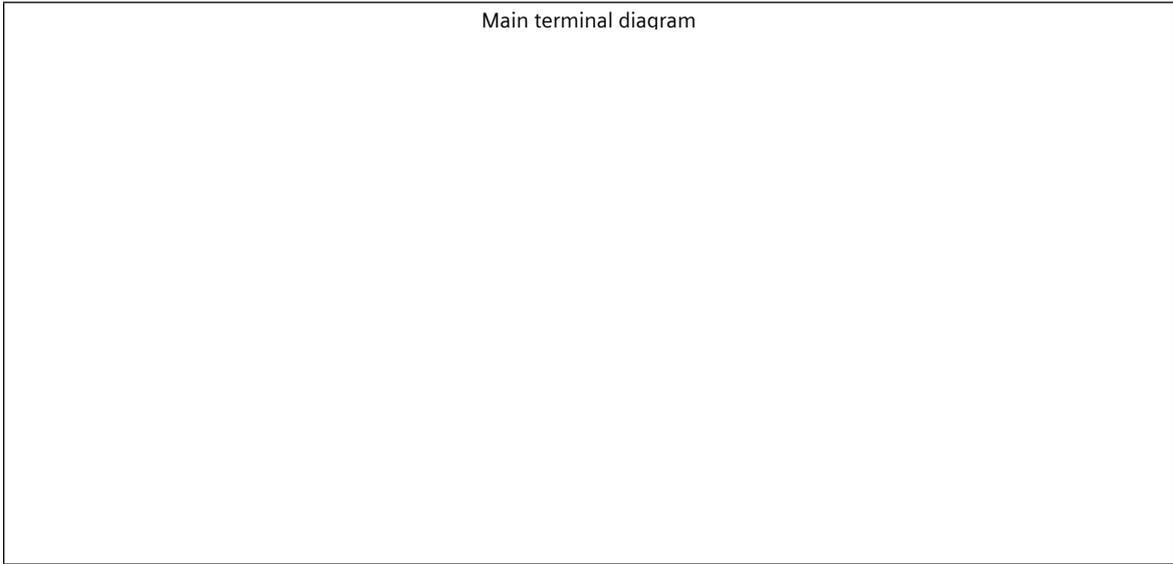
Terminal box

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

Notes:
 I_r/I_N = locked rotor current / current nominal
 M_r/M_N = locked rotor torque / torque nominal
 M_b/M_N = break down torque / nominal torque
 3) Value is valid only for DOL operation with motor design IC411
 2) at rated power I 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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Main terminal diagram



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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	<i>Technical data are subject to change! There may be discrepancies between calculated and rating plate values.</i>		Link documents	
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