

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

Motor type: FS: 449TS - p - 200 hp -

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

Remarks

Electrical data	
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[illegible]

Frame Type: 449TS	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)		Thickener	
Octave Band Center Frequencies Hertz										Safe Stall Time Hot	
250 500 1000 2000 4000 8000 Hz										s	
SPL@3								dB(A)		Safe Stall Time Cold	
										s	
Moment of inertia								Lb-ft²		Frame material	
Ext Load Inertia Capability:								Lb ft²		Color, paint shade	
Bearings										Standard Paint - RAL7030	
Bearing DE NDE										Coating (paint finish)	
Bearing_Type								Ball Bearing		Standard Alkyed + Epoxy (C2)	
AFBMA:										Ventilation Type	
Grease										Method of cooling	
Capacity								oz		Direction of rotation	
Grease Type:										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:

$I_{\text{N}}/I_{\text{N}}$ = 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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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	
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