

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

Motor type:	FS: 449TS - p - 200 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Electrical data

[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	Standard Paint - RAL7030	
Bearings									Coating (paint finish)	Standard Alkyed + Epoxy (C2)	
Bearing DE NDE								Ball Bearing	Ventilation Type		
Bearing_Type									Method of cooling		
AFBMA:									Direction of rotation		
Grease									Fan Material		
Capacity								oz	VFD	CT:	VT:
Grease Type:									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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Main terminal diagram

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