

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

Motor type:	FS: B447T - 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: B447T	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 54

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	
Ext Load Inertia Capability:										Lb ft²	
Bearings											
Bearing DE NDE											
Bearing_Type										Ball Bearing	
AFBMA:											
Grease											
Capacity										oz oz	
Grease Type:											
Color, paint shade										Standard Paint - RAL7030	
Coating (paint finish)										Standard Alkyed + Epoxy (C2)	
Ventilation Type											
Method of cooling											
Direction of rotation											
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_{L}/I_N = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
M_L/M_N = locked rotor torque / torque nominal	2) at rated power / at full load
M_B/M_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.		Link documents	
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