

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

Motor type:	FS: 405T - p - 100 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Electrical data	
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[illegible]

Frame Type: 405T	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		s	
250 500 1000 2000 4000 8000 Hz							Safe Stall Time Cold		s	
SPL@3							dB(A)			
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:										
							Frame material			
							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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