

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

Motor type: FS: 254T - p - 5 hp -

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

Remarks

Electrical data	
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[illegible]

Frame Type: 254T	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		s	
4000		8000		Hz		Safe Stall Time Cold		s	
SPL@3				dB(A)				Frame material	
Moment of inertia				Lb-ft²				Color, paint shade	
Ext Load Inertia Capability:				Lb ft²				Standard Paint - RAL7030	
Bearings								Coating (paint finish)	
Bearing DE NDE								Standard Alkyed + Epoxy (C2)	
Bearing_Type				Ball Bearing				Ventilation Type	
AFBMA:								Method of cooling	
Grease								Direction of rotation	
Capacity				oz				Fan Material	
Grease Type:								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_{N}/I_{N0} = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
M_{N}/M_{N0} = locked rotor torque / torque nominal	2) at rated power / at full load
M_{B}/M_{N0} = break down torque / nominal torque	

Responsible department IN LVM	Technical reference	Created by SPC	Approved by	Technical data are subject to change! There may be discrepancies			
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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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