

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

Motor type: FS: 145T - p - 1 hp -

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

Remarks

Electrical data	
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[illegible]

Frame Type: 145T	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)	
Octave Band Center Frequencies Hertz									
250 500 1000 2000 4000 8000 Hz									
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:									
Thickener									
Safe Stall Time Hot								s	
Safe Stall Time Cold								s	
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:


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