

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

Motor type:	FS: 445TS - p - 150 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
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Electrical data
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[illegible]

Frame Type: 445TS	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
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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)		Frame material		
Moment of inertia							Lb-ft²		Color, paint shade		Standard Paint - RAL7030
Ext Load Inertia Capability:							Lb ft²		Coating (paint finish)		Standard Alkyed + Epoxy (C2)
Bearings									Ventilation Type		
Bearing DE   NDE									Method of cooling		
Bearing_Type							Ball Bearing		Direction of rotation		
AFBMA:									Fan Material		
Grease									VFD		CT: VT:
Capacity							oz		Space heaters		-/-
Grease Type:									Brake:		-/-


Terminal box
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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.		<a href="#">Link documents</a>	
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