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

Motor type:	FS: 447TS - p - 200 hp -		
Client order no.	Item-No.		Offer no.
Order no.	Consignment no.		Project
Remarks			

Electrical data

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T_A/T_N	T_k/T_N
						4/4	3/4	1/2	0	LRC	4/4	3/4	2/4	4/4	3/4	2/4		LRT [%]	BDT [%]

Frame Type: 447TS	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 ℃ @1000 m	kVA:		IP 55

Mechanical data

Sound level (SPL / SWL) at 60 Hz				dB(A) / dB(A)	Thickener	
					Safe Stall Time Hot	s
Octave Band Center Frequencies Hertz					Safe Stall Time Cold	s
250	500 1000	2000	4000 8000	Hz	Frame material	
SPL@3				dB(A)	Color, paint shade	Standard Paint - RAL7030
Moment of inertia			Lb-ft²		Coating (paint finish)	Standard Alkyed + Epoxy (C2)
Ext Load Inertia Capability:			Lb ft²		**Ventilation Type**	
Bearings					Method of cooling	
Bearing DE | NDE					Direction of rotation	
Bearing_Type			Ball Bearing		Fan Material	
AFBMA:					VFD	CT: VT:
Grease					Space heaters	-/-
Capacity		oz	oz		Brake:	-/-
Grease Type:						

Terminal box

Lead Wire Connection					Terminal box position	
Voltage	L1	L2	L3	Connected together	Material of terminal box	
					Cable entry	-/-

Notes:

I_A/I_N = locked rotor current / current nominal
M_A/M_N = locked rotor torque / torque nominal
M_K/M_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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Main terminal diagram

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Responsible department	Technical reference	Created by	Approved by	*Technical data are subject to change! There may be discrepancies between calculated and rating plate values.*	
IN LVM			Created automatically		Link documents
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