Data sheet for three-phase Squirrel-Cage-Motors ABB																				
Motor	type:	SE)200 NF	MA Pre	emium I	Next G	eneratio	on		FS	449TS	- 4n - 2	50 hp -							
Motor type: SD200 NEMA Premium Next Generation Client order no. Item-No.								FS: 449TS - 4p - 250 hp - Offer no.												
Order no.						(onsignme	nt no.					Proje	ct						
Remarks	emarks																			
Electric	al data	a a																		
U Δ/Υ f [Hz] [P [HP]	P [kW]	n [rpm]	414	1	[Amps]		LDC	Nom. Eff Load [%] 4/4 3/4 2/4			Pw 4/4	r. Factor Lo I 3/4	214		T _A /T _N	T _k /T _N	
[14]		[]	[]	[]	[.b]	4/4	3/4	1/2	0	LRC	., .	37.	2, .	.,	3, 1	2,,	[lb-ft]	LRT [%]	BDT [%]	
	_				- /															
Frame Type: 449TS Type of co				constr.:			Motor			Motor Prot	or Prot.:			EMA Des.: S.F.:		: 1.15				
N	/ltr. WT: ll	bs			Insulation Class.:				Temp. Rise Cl.: B Amb.			mb. Temp	nb. Temp.: + 40 to °C @1000 m				kVA:		IP	
Mecha	Mechanical data																			
	Sound level (SPL / SWL) at 60 Hz																			
Journa .				nd Cente	er Freque					Safe Stall Time Hot s										
		250					4000	8000	Hz	Safe Stall Time Cold							s			
SP	L@3								dB(A)	Frame material						C	ast iron			
Momen	t of iner	rtia					Lb-ft²													
Ext Loa	d Inertia	Capabilit	y:				Lb ft²			Color, paint shade Coating (paint finish)										
Bearing		•	•							Ventilation Type										
		DΕ			6315	Z C3 S0		6315 Z C	3 S0	Method of cooling TEFC										
Bearing DE NDE 6315 Z C3 S Bearing_Type Ball Bearing						Bearing		Ball Bear		Direction of rotation										
AFBMA: 75BC03JP3									Fan Material											
Grease										VFD CT: VT: 20:1										
Capacity 15 oz					5 oz	15 oz			Space heaters						without					
Grease Type:					72.22			Brake:				-/-								
	31																			
Termir	nal box	[
I	Lead Wire Connection							Terminal box position												
Voltage L1 L2 L3 Connected together							Material of terminal box													
								Cable entry -/-												
										-										
Notes:																				
I _A /I _N = locke		rrent / current											eration with r	notor de	sign IC411					
		torque / torqu torque / nomi								2) at rate	d power / at	full load								
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			Main te	rminal diagram					
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