Data sheet for three-phase Squirrel-Cage-Motors ABB																			
Motor type:	SD	200 NE	MA Pre	mium I	Next G	eneratio	on		FS:	50135	- 4n - 7	00 hp -							
Motor type: SD200 NEMA Premium Next Generation Client order no. Item-No.							FS: 5013S - 4p - 700 hp - Offer no.												
Order no.						Consignme	nt no.					Proje	ct						
Remarks																			
Electrical data																			
					r														
υ [V] Δ/Υ	f [Hz]	P [HP]	P [kW]	n [rpm]			[Amps]	I		Non 4/4	n. Eff Loa	id [%]	Pw 4/4	r. Factor Lo I 3/4	2/4		T_A/T_N	T _k /T _N	
[v]	[112]	[i ir]	[KVV]	[ibiii]	4/4	3/4	1/2	0	LRC	4/4	314	2/4	4/-	314	2/4	[lb-ft] I	LRT [%]	BDT [%]	
										1									
Frame Type: 5013S Type of constr.				constr.:				Mot			Motor Prot	tor Prot.:			A Des.: S.F.: 1.15		: 1.15		
Mtr. WT: lbs				Insulation Class.:				Temp. F	Temp. Rise Cl.: B Amb. Te			np.: + 40 to °C @1000 m			kVA:		I	IP	
Mechanical data																			
Sound level (SPL	Sound level (SPL / SWL) at 60 Hz dB(A) / dB(A) Thickener Polyurea																		
Souria level (SI E			nd Cente	r Freque			()		Safe Stall Time Hot s										
	250				000	4000	8000	Hz	Safe Stall Time Cold										
SPL@3								dB(A)	Safe Stall Time Cold Frame material					s Cast iron					
Moment of inerti	ia					Lb-ft²													
Ext Load Inertia						Lb ft²			Color, paint shade										
	Capabilit	у.				LUIT			Coating (paint finish)										
Bearings	_			6222	7.62.60	. 1	622276	2.50	Ventilation Type										
Bearing DE NDE					Z C3 S0)	6322 Z C		Method of cooling TEFC										
Bearing_Type Ball Bearing					-				Direction of rotation										
AFBMA:				110	3CO3JP3		110BC03	3JP3	Fan Material										
Grease						1			VFD CT: VT: 20:1										
Capacity				1	7 oz	17 oz			Space heaters without										
Grease Type:						Brake:									-/-				
Terminal box																			
Lead Wire	e Connec	tion							Termir	al hoy n	osition								
Voltage L1 L2 L3 Connected together							Terminal box position Material of terminal box												
voluge L1 L2 L5 Connected together								IIIIIai bo	(,							
								Cable entry -l-											
									-										
Notes:																			
$I_A/I_N = locked rotor curre$ $M_A/M_N = locked rotor to$	rque / torqu	e nominal								s valid only d power / at		eration with r	notor de	sign IC411					
Responsible departr							Approved by				Technical data are subject to change! There may be discrepand					screpancies			
IN LVM						SPC						-	Document status						
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			Main te	rminal diagram					
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