Data sheet for three-phase Squirrel-Cage-Motors ABB																			
Moto	type:	SE	0200 NE	EMA Pre	emium I	Next G	eneratio	on		FS	R5011	- 4p - 5	00 hp -						
,,						eneration FS: R5011 - 4p - 500 tem-No. FS: R5011 - 4p - 500					Offer	Offer no.							
Order no).						Consignme	nt no.					Proje	ct					
							5						,						
Remarks																			
Electri	cal data																		
U	Δ/Υ	f	Р	Р	n		I Load	[Amps]			n. Eff Loa	d [%]		Factor Lo	ad [%] Torque		T_A/T_N	T _k /T _N	
[V]		[Hz]	[HP]	[kW]	[rpm]	4/4	3/4 1/2 0			LRC	LRC 4/4 3/4			2/4 4/4 3/4			[lb-ft]	LRT [%]	BDT [%]
Fra	me Type: R	5011			Type of	constr.:						Motor Prot.:				NEM	A Des.:	S.F	.: 1.15
	Mtr. WT: lb	s			Insulatio	on Class.:			Temp. R	lise Cl.: B	se Cl.: B Amb. Temp.: + 40 to °C @1000 m				0 m	kVA:		IP	
Mechanical data																			
Sound	Sound level (SPL / SWL) at 60 Hz dB(A) / dB(A) Thickener Polyurea																		
		C	octave Ba	nd Cente	er Freque					Safe St	all Time	Hot					s		
		250) 50	0 10	000 2	000	4000	8000	Hz	Safe Stall Time Cold s									
S	PL@3								dB(A)	Frame material							Cast iron		
Mome	nt of iner	tia					Lb-ft²			– Color, paint shade									
Ext Loa	ad Inertia	Capabilit	y:				Lb ft ²			Coating (paint finish)									
Bearin	igs									Ventilation Type									
Bearin	g DE ND	E			NU	J 322	6322 Z C3 S0				Method of cooling TEFC								
Bearin	g_Type				Roller	Bearing	9	Ball Bea	ring	Direction of rotation									
AFBMA	٨:				110F	RU03M0	0 110BC03JP3				Fan Material								
Grease										VFD CT: VT: 20:1									
Capaci					1	8 oz		17 oz	z		Space heaters					without -/-			
Grease	e Type:									Brake:							1		
Termi	nal box																		
	Lead Wir	e Connec	tion							Termir	ial box p	osition							
Voltage L1 L2 L3 Conn							onnected together Material of terminal box					í.							
						Cable entry									-	1-			
										-									
Notes:	ked rotor cur	ent / current	nominal							3) 1/21	valid only	for DOL or -	ration with r	notor deci	an IC411				
$M_A/M_N = I$	ked rotor cur ocked rotor t preak down t	orque / torqu	ue nominal								s valid only I power / at		.adon with f	uesl	9-1 ICT (
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