Data sheet for three-phase Squirrel-Cage-Motors ABB																				
Motor	type:	SE	0200 NE	EMA Pre	emium I	Next G	enerati	on		FS	: 50115	- 2p - 5	00 hp -							
Client order no.						Item-No.							Offer no.							
							<u> </u>						- During							
Order no.						Consignment no.						Project								
Remarks																				
Electri	cal data	3																		
$\begin{array}{c c} U & f & P & P & n \\ \hline U & \Delta/Y & f & U & f \\ \hline \end{array}$					I Load [Amps]			Nom. Eff Loac			d [%]	Pw	/r. Factor Lo	ad [%]	Torque T _A /		N T _k /T _N			
[V]	Δ/Υ	[Hz]	[HP]	[kW]	[rpm]	4/4	3/4	1/2	0	LRC	4/4	3/4	2/4	4/4	4 3/4	2/4	[lb-ft]	LRT [%]	BDT [%]	
Fran	me Type: 5	0115			Type of	constr.:			Motor				or Prot.: NE			A Des.: S.F.: 1.15		: 1.15		
	Mtr. WT: ll	bs			Insulation Class.:				Temp. Rise Cl.: B Amb.			mb. Temp	Гетр.: + 40 to °C @1000 m				kVA:		IP	
													ib. remp.: + 40 to 10 @ 1000 m				ΝΥΛ.			
Mech	anical d	lata																		
Sound	loval (SP	L / SWL) a	at 60 Hz				IB(A)/dB	(Δ)		Thicke	nor					F	olyurea			
Sound	level (SP			and Centu	er Freque			(A)												
		250			•	000	4000	8000	Hz	Safe Stall Time Hot				s s						
S	PL@3								dB(A)	Safe Stall Time Cold Frame material							Cast iron			
Mome	nt of iner	rtia					Lb-ft ²													
		Capabilit	tv:				Lb ft ²			Color, paint shade Coating (paint finish)										
Bearin			-y -																	
	g DE ND)F			6316	5 Z C3 S(n	6316 Z C	3 50	Ventilation Type Method of cooling TEFC										
	g_Type					Bearing		Ball Bea		Direction of rotation										
AFBMA						CO3JP3		80BC03		Fan Material										
Grease					005	20551 5		000000	,51 5	VFD CT: VT: 20:1										
					9 07		9 oz	,	Space heaters					without						
Capacity 9 oz Grease Type:				, 02		5 02		Brake:							-/-					
	ypei									brake.										
Termi	nal box																			
	Lead Wir	re Conneo	ction							Termir	nal box p	osition								
Voltage L1 L2 L3 Connected						ected tog	ether	-	-	ninal box	ć									
								Cable		initial bos				-	-					
						-		cubic	citity											
										_										
Notes:										2)										
$M_A/M_N = I$	ocked rotor	rent / curren torque / torqu	ue nominal								s valid only d power / at		eration with r	motor de	esign IC411					
		orque / nomi	inal torque	T! '	ical ref-		C	od by		A	oved L.			Tar	hnical data ar-	subject to -		maybad	iscrenancia-	
				SPC	Created by			Approved by			Technical data are subject to change! There may be discr				screpulles					
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			Main ter	minal diagram					
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