Consequence	Data sheet for three-phase Squirrel-Cage-Motors ABB																			
Consequence	Motor	type:				FS: -	p - hp	-												
	·										Offer	no.								
	Order no. Consignment no.							Project												
	Remarks	Remarks																		
	<u> </u>																			
March 1	Electri	cal data																		
Preserve Type				Р																
Mechanical data Sound level (SPL / SWL) at 60 Hz 250 S00 1000 2000 4000 8000 1/2 SPL03	[v]		[П2]	[HF]	[KVV]	[thiii]	4/4	3/4	1/2	0	LRC	4/4	3/4	2/4	4/4	+ 3/4	214	[lb-ft] I	_RT [%]	BDT [%]
Mechanical data Sound level (SPL / SWL) at 60 Hz 250 S00 1000 2000 4000 8000 1/2 SPL03		Frame Typ	e:			Type of	constr.:							Motor Prot	.:		NEMA	Des.:	S.F.:	: 1.15
Mechanical data Sound level (SPL (SWL) at 60 Hz Octave Band Center Frequencies Herzz 250 500 1000 2000 4000 8000 Hz REQ 250 500 1000 2000 4000 8000 Hz Safe Stall Time flot 5 Safe Stall Time Cold 6 Safe Stall Time Cold 6 Safe Stall Time Cold 6 Safe Stall Time Cold 7 Safe Stall Time Cold 7 Safe Stall Time Cold 7 Safe Stall Time Cold 8 Safe Stall Time Cold 8 Safe Stall Time Cold 9 Safe Stall Time Col										Temp F	Trans Bird GL B					00 m				
Source Contract		IVICI. VVI. II				IIISulatio				remp. r	use CI B		, and ren	p + to C	. @100		KV/	\•	IF IPOS	
Octave Band Center Frequencies Heritz 250 500 1000 2000 4000 8000 Hz 256 Sall Time Bot Safe Safe Safe Safe Safe Safe Safe Safe	Mech	anical d	ata																	
SPL@3	Sound	level (SP	_ / SWL) a	it 60 Hz			dl	B(A) / dB	(A)		Thicke	ner								
SPLEAS											Safe S	tall Time	Hot					S		
Moment of inertia	_		250	50	0 10	000 2	000	4000	8000		Safe S	tall Time	Cold							
Ext Load Inertia Capability:	5	PL@3								dB(A)	Frame	material					С	ast iron		
Searing Sea	Mome	nt of iner	tia					Lb-ft²			Color,	paint sha	ade							
Bearing DE NDE Method of cooling TEFC Bearing Decision of rotation Fam Material Polypropylen ESD Fam Material	Ext Loa	ad Inertia	Capabilit	y:				Lb ft²			Coatin	Coating (paint finish) Standard Alkyed + Epoxy (C2)								2)
Bearing_Type Ball Bearing Direction of rotation Fan Material Polypropylen ESD Grease VFD CT: VT: 20:1 Capacity Oz Oz Space heaters	Bearin	igs									Ventil	Ventilation Type								
AFBMA: Fan Material Polypropylen ESD Grease VFD CT: VT: 20:1 Capacity OZ OZ Space heaters -1	Bearing	g DE ND	E								Method of cooling TEFC									
Capacity oz oz Space heaters	Bearing	g_Type							Ball Bea	ring	Direction of rotation									
Grease Type:	AFBMA	٨:									Fan Material Polypropylen ESD									
Brake:	Grease	e						·			VFD CT: VT: 20:1									
Terminal box Lead Wire Connection Voltage L1 L2 L3 Connected together Material of terminal box Cast Iron Cable entry -I- Notes: U.A. = broked rotor current comminal MAM. = broked domotorque i nominal torque MAM. = broked domotorque i nominal torque MAM. = broked domotorque i nominal torque Technical reference SPC Approved by Technical data are subject to change! There may be discrepancies IN LVM Document type Datasheet Document title 1 MB2221-2BB2 Revision Creation date Language Page	Capacity oz					oz			Space heaters				-/-							
Terminal box position Material of terminal box Cast Iron Cable entry Iron Cable entry Iron	Grease Type:					Brake:						-1-								
Notes: Notes:	Termi	nal box																		
Notes: Notes:		Lead Wir	e Connec	tion							Tawasis									
Notes: Cable entry -/-										ether										
Notes: July = locked rotor current / current nominal 3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load Number Numbe		<i>3</i> -																		
											_									
											-									
M _M /M _N = locked rotor torque / torque nominal M _M /M _N = break down torque / nominal torque Responsible department IN LVM Technical reference SPC Approved by SPC Document type Datasheet Document title 1 MB2221-2BB2 Revision Creation date Language Page			ent / current	nominal							3) Value i	s valid only	for DOL one	eration with r	notor de	esian IC411				
Responsible department IN LVM Technical reference Created by SPC Approved by Technical data are subject to change! There may be discrepancies Document type Document status Released Document title 1MB2221-2BB2 Revision Creation date Language Page	$M_A/M_N = 1$	ocked rotor t	orque / torqu	ue nominal										iddon with	notor uc	-sign ic+r r				
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			Main te	rminal diagram						
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HP_	20	_ VOLTS_	<600	RPM_	1800	TYPE XF	2100 1D	1
HZ	60	PHASE	3	FRAME	256T	NEMA	В	

TORQUE & CURRENT VS. SPEED



