Motor type:   FS: 324TS   p - 40 hp	Data sheet for three-phase Squirrel-Cage-Motors ABB																				
Description	Motor	type:				FS: 3	24TS -	p - 40 h	p -												
Description														Offer no.							
Description   Control	Order no.						(	Consignment no.						Project							
No.	Remarks																				
Mode	Electrical data																				
Prome type: 0415   Type of construction   Type of construction   Temp. Gise CL_18   Anth. Lemp.: 4016-20°C 491000m   Nov.   P 35    Mechanical data  Sound level (SR, 15W1) at 00 Hz		$r_{1}$ $\Delta/\Upsilon$ $r_{1}$ $r_{2}$ $r_{3}$ $r_{4}$ $r_{5}$					1	1		4/4 3/4				l		214					
Michanical data    Mechanical data	[ [ ]		[112]	[, ., ]	[KVV]	[ibiii]	4/4	3/4	1/2	0	LRC	7/7	317	217		314	217	[lb-ft]	LRI [%]	BD1 [%]	
Michanical data    Mechanical data	Frame Type: 324TS Type of constr.:													Motor Prot	.:		NEMA	Des.:	S.F.	: 1.15	
Mechanical data					nculation (			: E Inculatio	on.	Temp F	Risa Cl · R										
Sound level (SPL / SWL) at 60 Hz  Octave Band Center Frequencies Hertz 250 500 1000 2000 4000 8000 Hz SFL®3 8 d8/A)  Moment of inertia Lb-ft-ft Color, paint shade Standard Paint - RAL/7030  Ext Load Inertia Capability: Lb ft-ft Color, paint shade Standard Alkyed + Epoxy (C2)  Wentilation Type  Bearings  Ventilation Type  Bearing INDE  Bearing INDE  Bearing Upe  Bearing Direction of rotation  AFBAA:  Freme material  Fan Material  Grease  VED  CT: VT:  Capacity  QZ  Space healers  Farminal box  Terminal box  Lead Wire Connection  Voltage L1 L2 L3 Connected together  Material of terminal box  Cable entry  A- healed sort force Topes remains  LA, healed sort force Topes remains  LA, healed sort force (name anomal)  AA, healed sort force (name ano	r	VILI. WIT. II	us		risulation	Cidssstdii	uaru Cias:	s F IIISulatii	ווכ	use CI.: B	e CI.: B Amb. Temp.: + 40 to -20 °C @100				1000111	KVA. IP 55					
Set Stall Time Hot s SPLE23 SO 1000 2000 4000 8000 Hz SPLE24 Sate Stall Time Cold s Frame material  Moment of inertia  Lib-ft² Color, paint shade Standard Paint - RAL7030  Coating (paint finish) Standard Alkyed + Epoxy (C2)  Ventilation Type  Bearing DE   Method of cooling  Bearing Type   Ball Bearing   Direction of rotation  Frame Material  VFD   CT: VT: Capacity   Grease   VFD   CT: VT: Space heaters   Framinal box  Terminal box  Lead Wire Connection   Terminal box Set	Mecha	nical d	lata																		
SPL@3	Sound	level (SP	L / SWL) a	nt 60 Hz			dl	B(A) / dB	(A)		Thicke	ner									
Set Stall Inter Color S  Set Stall Inter Color S  Moment of inertia  Lb-ft² Color, paint shade Standard Paint - RAL7030  Ext Load Inertia Capability: Lb ft² Coating (paint finish) Standard Alkyed + Epoxy (C2)  Bearings  Ventilation Type  Bearing DI  NDC  Bearing DI  NDC  Bearing DI  NDC  Bearing Direction of rotation  AFBMa: Fan Material  Grease  VFD CT: VT:  Capacity oz oz Space heaters			C	octave Ba	nd Cente	er Freque	ncies He	rtz			Safe S	tall Time	Hot					s			
Moment of inertia			250	50	00 10	000 2	000	4000	8000	Hz							S				
Ext Load Inertia Capability: Lib ft2 Coating (paint finish) Standard Allkyed + Epoxy (C2)  Bearings  Ventilation Type  Method of cooling  Bearing_Type  Ball Bearing  Direction of rotation  AFBMA:  Grease  VFD CT: VT:  Capacity  Oz Qz Space heaters	SF	PL@3								dB(A)	Frame										
Bearing S   Ventilation Type   Bearing DE   NDE	Momer	nt of iner	rtia					Lb-ft²										L7030			
Bearing DE   NDE Bearing_Type	Ext Loa	d Inertia	Capabilit	ty:				Lb ft²									оху (С	2)			
Bearing DE   NDE   Ball Bearing   Direction of rotation    AFBMA:	Bearing	gs									Ventil	ation Ty	pe								
AFBMA:  Grease  Capacity Oz Oz Oz Space heaters	Bearing	J DE   ND	E																		
AFBMA:  Grease  Capacity Oz Oz Oz Space heaters	Bearing	_Type							Ball Bea	ring	·										
Capacity oz oz Space heaters -/- Grease Type: Brake: -/-  Terminal box  Lead Wire Connection	AFBMA	:									Fan Material										
Capacity oz oz Space heaters -1- Grease Type:    Capacity   Brake:   -1-	Grease	·									VFD						C	T: VT:			
Grease Type:    Brake:							oz		oz												
Lead Wire Connection  Voltage L1 L2 L3 Connected together  Material of terminal box  Cable entry  -/-  Notes:										·											
Lead Wire Connection  Voltage L1 L2 L3 Connected together  Material of terminal box  Cable entry  -/-  Notes:																					
Notes:    January   September	Termir	nal box																			
Cable entry  -J-  Notes:    Ji  _n - locked rotor current / current nominal   3) Value is valid only for DOL operation with motor design IC411   2) at rated power / at full load   (A)		Lead Wire Connection									Termin	nal box p	osition								
Notes:    Journal   Comment   Current nominal   Current nominal nominal   Current nominal nominal   Current nominal nominal   Current nominal nomina	Voltag	Voltage L1 L2 L3 Connected together								ether	Material of terminal box										
Julin = locked rotor current / current nominal   3) Value is valid only for DOL operation with motor design IC411   2) at rated power / at full load   Responsible department   Technical reference   Created by   SPC   Approved by   Technical data are subject to change! There may be discrepancies   IN LVM   Document type   Document status   Customer   Released   Document title   Document number   Document											Cable entry -/-										
Julin = locked rotor current / current nominal   3) Value is valid only for DOL operation with motor design IC411   2) at rated power / at full load   Responsible department   Technical reference   Created by   SPC   Approved by   Technical data are subject to change! There may be discrepancies   IN LVM   Document type   Document status   Customer   Released   Document title   Document number   Document																					
Julin = locked rotor current / current nominal   3) Value is valid only for DOL operation with motor design IC411   2) at rated power / at full load   Responsible department   Technical reference   Created by   SPC   Approved by   Technical data are subject to change! There may be discrepancies   IN LVM   Document type   Document status   Customer   Released   Document title   Document number   Document											-										
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Julin = locked rotor current / current nominal   3) Value is valid only for DOL operation with motor design IC411   2) at rated power / at full load   Responsible department   Technical reference   Created by   SPC   Approved by   Technical data are subject to change! There may be discrepancies   IN LVM   Document type   Document status   Customer   Released   Document title   Document number   Document																					
M <sub>A</sub> /M <sub>N<sub>1</sub></sub> = locked rotor torque / torque nominal M <sub>A</sub> /M <sub>N<sub>1</sub></sub> = break down torque / nominal torque  Responsible department IN LVM  Technical reference SPC  Technical reference SPC  Document type Datasheet Document title  Document number		ad rator cur	ront / current	t nominal							2) Value i	s valid only	for DOL on	aration with r	notor do	sian IC411					
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			Main te	rminal diagram							
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