Data sheet for three-phase Squirrel-Cage-Motors INNOMOTICS

Motor	type :	1CV31	32B			IN	NOMOTICS	5 SD - 13	2 M - IM	I B3 - 4p)							
Client orde	er no.				It	em-No.					Offer	no.						
Order no.						Consignment no.					Proje	Project						
Remarks																		
Electric	al dat	а									-/-	e Area						
U	Δ/Υ	f	Р	Р	I	n	М		η 3)	1		cosφ [±]	3)	I _A /I _N		$M_{\rm K}/M_{\rm N}$	IE-CL	
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _I /I _N	T _I /T _N	T_B/T_N		
		= 0			1= 00		DL duty (S1)	1										
400	∆ Y	50	7.50	-/-	15.00	1465	49.0	90.4	90.7	90.4	0.80	0.74	0.63	8.5	3.0	3.8	IE3	
690 460	Δ	50 60	7.50 8.60	-/-	8.70 14.90	1465 1765	49.0 46.5	90.4 89.5	90.7 90.0	90.4 89.4	0.80	0.74		8.5 8.8	3.0 3.0	3.8 3.8	IE3 IE2	
460	Δ	60	7.50	-/-	13.00	1765	40.5	91.7	90.0	89.4 90.6	0.81	0.76	0.65	9.8	3.4	3.8 4.3	IE2	
IM B3 / IN		00	FS 132		15.00	IP55	UKCA		60034	90.0	IEC, DIN, IS			9.0	J. T	т.у	IL.J	
	Enviror		conditions :		Locked rotor time (hot / cold) : 14.8 s 20.1 s						c							
			intentare	onunions.	20 C +		00 111			LU		in unite		u) . 14.	5 3 20.1	3		
Mecha	nical d	ata																
Sound level (SPL / SWL) at 50HzJ60Hz 72 / 80 dB(A) ^{2) 3)} 68 / 76 dB(A) ^{2) 3}								Vibration severity grade						А				
Momer	nt of ine	rtia			0.	0334 kg m²		The	rmal class						F			
Bearing	DE NI	DE		6	5208 2Z C3	-					S1							
bearing	g lifetin	ne						Dire	ction of re	otation		bidirectional						
L _{10mh} F _R	tad min for	r couplin	g operatio	n	40000 h						cast iron							
	sing dev				,	Without Net weig				ght of the motor (IM B3)				80 kg				
Grease	nipple					-/- Coating (paint finish)					Standard paint finish C2							
	bearing	3			Preloa	oaded bearing DE Color, paint shade					RAL7030							
	-	-	oles			Vith (standard) Motor protection					(A) without (Standard)							
Condensate drainage holes V External earthing terminal						Without Method of cooling					IC411 - self ventilated, surface cooled							
										g								
Termin																		
Terminal box position Material of terminal box						top Max. cross-sectional area												
			x			cast iron Cable diameter from to					. 10							
Type of						TB1 H01 Cable entry						2xM32x1,5-1xM16x1,5						
Contact	t screw	thread				M4 Cable gland									3 plugs			
1.0 1-1							10/2010			2011			N					
$M_A/M_N = loc$ $M_K/M_N = bre$	ked rotor t eak down t	orque / non	que nominal ninal torque	2)) at rated power		10/2010 of its contents and d	communicati	on thereof to)L operation wi			ble for payr	nent of	
					damages. All		/ patent grant or re			l or design p	atent are reser	rved.						
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	© Innomotics 2024										7.7	2			en			

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1	neet for three-p	nase Squirrei-C	age-motors in	<u>NOMOTICS</u>					
Motor t	ype :1CV3132B		INNOM	10TICS SD - 132 M - IM	B3 - 4p			2	al la
Special (7	
F01	Mounting of holding	brake		F11 Bra	ke supply vol	tage, 230 \	/ AC, 50/60 Hz		
Additio	onal information:								
Brake:									
Descripti	ion:	BFK458-16		Current:			.27 A		
Voltage:		AC 230 V		Moment of in	ertia:		0.001500 kgm²	2	
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