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

Motor	type :	1CV31	30A			SI	MOTICS SD) - 132 S	- IM B3 -	- 2p								
Client order no.					lt	SIMOTICS SD - 132 S - IM B3 - 2p						Offer no.						
Order no.					C	Consignment no.					Projec	Project						
											,							
Remarks											Safe	Area	4					
Electric	al data	a									-/-	. /	•					
U	Δ/Υ	f	Р	Р	I	n	М		η ³⁾			cosφ	3)	I _A /I _N	M _A /M _N	M _K /M _N	IE-CL	
[V]	27.	[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		
						DC	DL duty (S1)) - 155(F) to 130	(B)				1	1	1		
230	Δ	50	5.50	-/-	17.60	2945	17.8	89.2	89.5	88.6	0.88	0.84	0.73	8.9	2.5	3.8	IE3	
400	Y	50	5.50	-/-	10.10	2945	17.8	89.2	89.5	88.6	0.88	0.84	0.73	8.9	2.5	3.8	IE3	
460	Y	60	6.30	-/-	10.00	3540	17.0	88.5	89.0	88.1	0.89	0.84	0.75	9.9	2.6	4.0	IE2	
460	Y	60	5.50	-/-	8.90	3550	14.8	89.5	89.0	87.0	0.87	0.82	1	11.1	3.0	4.6	IE3	
IM B3 / II			FS 132 S			IP55	UKCA	IEC/EN	60034		IEC, DIN, ISC							
		Enviror	imental co	onditions :	-30 °C - +4	40 °C / 10	100 m			Lo	cked roto	r time	e (hot / col	d) : 10.8	3 s 14.7	7 s		
Mecha	nical d	ata																
Sound	level (SF	PL / SWL)	at 50Hz 60	Hz 69	77 dB(A) 2)	³⁾ 74 /	82 dB(A) 2) 3)	Exte	rnal earth	ing term	inal				Without			
Momer	nt of ine	rtia			0.	0168 kg m²		Vibr	ation seve	erity grad	e	Α						
Bearing	DE N	DE			6308 Z C3	6	5308 Z C3	The	mal class			F						
	g lifetin							Duty	y type			S1						
L _{10mh} F _F 50160H	_{tad min} for z ¹⁾	r couplin	g operation		40000 h	32000 h Direction of rotation					bidirectional							
Relubri NDE	cation ir	nterval/q	uantity DE		1	10 g 10 g 8000 h Frame material					cast iron							
Lubrica	nts				I	Unirex N3 Net weight of the motor (or (IM B3)	M B3) 66 kg							
Regrea	sing dev	vice				With Coating (paint finish)					Standard paint finish C2							
Grease	nipple				M8>	8x1 DIN 71412 Color, paint shade					RAL7030							
Type of	bearing	9			Preloa	paded bearing DE Motor protection					(B) 3 PTC thermistors - for tripping (2 terminals)							
Conder	nsate dra	ainage h	oles		Wit	/ith (standard) Method of cooling					IC411 - self ventilated, surface cooled							
Termin	al box																	
Termin	al box p	osition				top		Max	. cross-se	ctional aı	rea				6 mm ²			
Material of terminal box						cast iron Cable diameter from to					. to	o 11 mm - 21 mm						
Type of terminal box						TB1 H01 Cable entry						2xM32x1,5-1xM16x1,5						
Contact screw thread						M4 Cable gland									3 plugs			
	ked rotor t	rrent / curre orque / torq orque / nom	ue nominal		L _{10mh} according at rated power		10/2010			3) V	alue is valid o	only for D	OL operation wi	th motor de	sign IC411			
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Matcr type : 1C/3130A SIMOTICS SD : 132 S - M B3 - 2p Special design I Double tables indeficient baselings for 0 and MD, Type 0 76 Metal cancers Info 00 Anti-condensation transing for 230 V (2 terminals) 77 Metal cancers Image: Special design Image: Special design Image: Special design 77 Metal cancers Image: Special design Image: Special design Image: Special design 78 Metal cancers Image: Special design Image: Special design Image: Special design 78 Metal cancers Image: Special design Image: Special design Image: Special design 78 Metal cancers Image: Special design Image: Special design Image: Special design 78 Metal cancers Image: Special design Image: Special design Image: Special design 78 Image: Special design Image: Special design Image: Special design Image: Special design 78 Image: Special design Image: Special design Image: Special design Image: Special design 78 Image: Special design Image: Special design Image: Special design Image: Special design 78 Image: Special design Image: Special design Image: Special design Image: Special design 7	Data sheet for three-p	ohase Squirrel-Cag	e-Motors SIMO	TICS						
Special design 1/2 Double sides reinforced bearings for UP and MDF, Type (3) 70 Medicateral fan 0/2 Anti-condensation bearing for 230 V (2 terminal) 23 Regressing system 1 1/2 Anti-condensation bearing for 230 V (2 terminal) Additional information:	Motor type : 1CV3130A	2	ab .							
D04 Manuan analysis ta emperature 30°C 12.3 Double dide minimore theoring for DE and NDF. Type (3 P26 Manual external tam 02.2 Anti-condensation tauling for 230 V (2 terminal). V13 Regression gradients 100.0000000000000000000000000000000000					•				-	
17.9 Metal external fan QQ2 Anticondensation heating for 230 v(2 terminals) Zadi condensation information:		temperature -30°C		L25	Double sides	s reinforced b	earings for DE and ND	E, Type 63		
123 Representing system				Q02						
Speck Netters Lylue: 2001/0001										
Space heaters Technical data: Lynux: 250 V50V	Additional information:									
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