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



Motor	type :	1CD30	94B			SI	MOTICS X	P - 90 L -	IM V1 - 4	1 p							
Client ord					It	tem-No.					Offe	r no.					
Order no.					C	Consignment r	10.				Proj	ect					
Remarks																	
												G Ex db	eb IIC T	4 Gb			
Electri	cal dat	a									-/-						
U	Δ/Υ	f	Р	P	1	n	M		η ³⁾			cosφ ³⁾	1	I _A /I _N		M _K /M _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	
200		FO	1.50		2.25		L duty (S1	1			1 0 00	0.72	0.60	73	2.0	2.5	152
380 660	Δ Υ	50 50	1.50	-/-	3.35 1.92	1445 1445	9.9 9.9	85.3 85.3	86.0 86.0	85.2 85.2	0.80	0.73	0.60	7.3	2.9	3.5	IE3
000		30	1.50	-1-	1.92	1445	9.9	65.5	80.0	03.2	0.80	0.73	0.00	7.5	2.9	3.3	ILJ
440	Δ	60	1.50	-/-	2.95	1755	8.2	86.5	86.2	84.5	0.77	0.69	0.57	8.6	3.4	4.3	IE3
IM V1 / I	M 3011		FS 90 I	-	1	IP55		IEC/EN	1 60034			'				Gra	de 3
		Enviror	nmental c	onditions :	-20 °C - +	40 °C / 10	00 m			Lo	cked rot	ked rotor time (hot / cold) : 17.6 s 21.5 s					
Mecha	nical d	ata															
Sound	level (SF	PL/SWL)) at 50Hz 60)Hz 55.	/ 63 dB(A) ²)3) 58/	66 dB(A) ^{2) 3}) The	rmal class						F		
	nt of ine		, 41 55.12[6		` '	0050 kg m²	, ,		y type						S1		
	DE NI			6	5205 2Z C3		205 2Z C3		ction of r	otation		bidirectional					
	g lifetin								ne materi			cast iron					
	-		ng operation	า	20000 h				or								
ı	iz '' sing dev					Without Motor weight incl. option					-						
_	nipple					-/- Coating (paint finish)					Standard paint finish C2						
						cating bearing DE Color, paint shade					RAL7030						
Condensate drainage holes						Without Motor protection					(A) without (Standard)						
		ng termi			Wit	th (standard)		hod of co							urface co	ooled
Vibrati	on sever	rity grade	e			Α				J							
Termir	al box																
Termin	al box p	osition				top		Max	. cross-se	ctional a	rea				4 mm ²		
		minal bo	×			cast iron		Cab	le diamete	er from	. to			9 m	m - 17 m	m	
Type o	f termin	al box				TB1 E21		Cab	le entry						-/-		
Contac	t screw	thread				M4											
$M_A/M_N = lo$ $M_K/M_N = br$	cked rotor t eak down t	orque / nom	que nominal ninal torque	2)	at rated power								operation wi				
				editing of this doc gistration of a utili				mmunication t	hereof to oth	ers without	express autho	orization are p	orohibited. Of	ffenders will	be held liabl	e for paymer	nt of
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CD3094B			SIMOT	ICS XP - 90 L - IM \	/1 - 4p					
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02	Acceptance test certi	ificate 3.1 acc. to EN 10.	204	D34	China Energ	y Efficiency L	abel			
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