

				ase Squ	irrel-Cag		rs SIMOT										,
Motor		1CV43	12B		T		MOTICS SD	- 315 M	- IM B3	- 4p	0,11				100		
Client order no.						Item-No.					Offe	Offer no.					
Order no.						Consignment no.					Proje	Project					
Remarks					•						Saf	e Area	1				
Electri	cal dat	а									-/-			ı			ı
U [V]	Δ/Υ	f [Hz]	P [kW]	P [hp]	[A]	n [1/min]	M [Nm]	4/4	η ³⁾ 3/4	2/4	4/4	cosφ 3/4	2/4	I _A /I _N	M_A/M_N T_I/T_N	M_K/M_N T_B/T_N	IE-CL
						DC	L duty (S1)	- 155(F) to 130	(B)							
230	Δ	50	132.00	-/-	405.00	1490	850.0	96.4	96.6	96.3	0.85	0.81	0.73	8.2	3.3	3.2	IE4
400	Y	50	132.00	-/-	235.00	1490	850.0	96.4	96.6	96.3	0.85	0.81	0.73	8.2	3.3	3.2	IE4
460	Y	60	152.00	- -	235.00	1790	810.0	96.5	96.6	96.3	0.85	0.82	0.74	8.1	3.2	3.1	IE4
IM B3 / I	IM1001		FS 315 N	ı		IP55	UKCA	IEC/EN	60034		IEC, DIN, IS	SO, VDE,	EN				
		Enviror	nmental co	nditions :	-20 °C - +4	+40 °C / 1000 m Locke				cked rote	ed rotor time (hot / cold) : 25.4 s 39.5 s						
Mecha	nical d	lata															
Sound	level (SI	PL / SWL)) at 50Hz 60	Hz 67	/ 81 dB(A) ²⁾	72 / 86 dB(A) ^{2) 3)} Condensate drainage hole				noles	les (Standard) Yes						
Mome	nt of ine	ertia			2.9	2.9100 kg m ² External earthing termina					inal						
	g DE NI sible lat	DE eral forc	e on (N)		NU 319		6319 C3 v ·		ation seve		е	Grade A					
(N)			ic on (iv)	34	x ₀ : 4000	x _{0,5} : 23000	x _{max} : 15000		mal class						F		
	g lifetin		ng operation						type	_		S1					
50 60F	Rad min 10 HZ ¹⁾	ntenvalle	ng operation		40000 h		32000 h		ction of r			bidirectional					
Relubrication interval/quantity DE NDE						40 g 40 g 6000 h Frame material						cast iron					
Lubricants						UNIREX N3 Net weight of the motor				or	942 kg						
						e lubricating nipple Coating (paint finish)					Standard paint finish C2						
						0x1 DIN 3404 A Color, paint shade					RAL7030 1 temperature sensor KTY84-130 (2 terminals)						
Bearing	f bearing g insulat ion NDE	tion DE /	Bearing			ng bearing I Non-drive ei			or protect			1 te	•		tely ventil cooled		
Termir	nal box	(
Termin	ial box p	osition			box	x at the top		Max	. cross-se	ctional ar	ea			:	240 mm ²		
Material of terminal box					cast iron Cable diameter from to					. to	34 mm - 45 mm						
Type of terminal box					TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5						
Contact screw thread					6xM12 Cable gland									4 plugs			
1/1 Joseph	and rotor ou				NI proviling	to DINIEC 301	10/2010			2) \	مراود مزوراه	only for D	Ol appation wi	th motor de	sign ICA11		
$M_A/M_N = Io$ $M_K/M_N = br$	cked rotor reak down t	torque / toro torque / non	ent nominal que nominal minal torque ssemination and/o	2		l at full load	f its contents and			others witho	ut express au	uthorization	OL operation wi			able for pay	ment of
					damages. All r	ights created by	patent grant or re	gistration of a	utility mode								
Responsible department Technical reference IN LVM			erence						repancies be	al data are subject to change! There may be ancies between calculated and rating plate				uments	級原		
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l	Restricted F70+G04+H02+L22+L5				,2TL2Z+L3					Revis		Treation date		Languag			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type: 1CV4312B SIMOTICS SD - 315 M - IM B3 - 4p

lotor ty	ype :1CV4312B		SIMOT	SIMOTICS SD - 315 M - IM B3 - 4p					
pecial (design								
70	Mounting of separate	ely driven fan		L22	Bearing desig	gn for increa	sed cantilever forces		
04		e encoder LL 861 900 2	20	L51	Bearing insul	ation NDE			
102	Vibration-proof version								
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I LVM	paramette	. cccarreference	SPC SPC	Created au	discrep	ancies between	calculated and rating plate	pt.	STEELS SEE
		Document type	13, 6	S. Suited du	values.	Document	status		
		Technical data she	eet			Released			着为
51	EMENS	Document title		Document number					
		1LE5504-3AB22-2	AF4-Z				1619-143219		
estricted		F70+G04+H02+L22+L5				Revision	Creation date	Language	Page
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2024-06-19

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