

Data	sheet	t for tl	hree-ph	ase Squ	irrel-Cag	je-Moto	rs SIMO	TICS									•		
Motor	type :	1CV43	10B			SI	MOTICS SE	- 315 S	- IM V1	- 4p					الم سياد				
Client order no.					lt	em-No.					Offe	Offer no.							
Order no.						onsignment r	10.				Proje	Project							
Remarks											Saf	e Area							
Electri	cal data	a									-/-	e Alec	4						
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	1	I _A /I _N I _I /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)									
400	Δ	50	110.00	-/-	192.00	1491	700.0	96.3	96.4	96.0	0.86	0.83	0.74	8.6	3.3	3.3	IE4		
690	Υ	50	110.00	-/-	111.00	1491	700.0	96.3	96.4	96.0	0.86	0.83	0.74	8.6	3.3	3.3	IE4		
460	Δ	60	110.00	-/-	169.00	1792	590.0	96.2	96.1	95.4	0.85	0.81	0.72	9.7	3.7	3.6	IE4		
460	Δ	60	127.00	-/-	193.00	1790	680.0	96.2	96.2	95.8	0.86	0.83	0.76	8.5	3.2	3.1	IE4		
IM V1 / I			FS 315 S			IP55	UKCA	IEC/EN	60034		IEC, DIN, IS								
		Enviror	nmental co	nditions :	-20 °C - +4	10 °C / 10	00 m			Loc	cked rote	or time	e (hot / col	d) : 30.8	8 s 44.1	S			
Mecha	nical d	ata																	
Sound	level (SP	PL / SWL)	at 50Hz 60	Hz 66	/ 80 dB(A) ²⁾	³⁾ 71 /	85 dB(A) ^{2) 3)}	Exte	rnal earth	ning term	inal			(Sta	andard) Ye	es			
Momei	nt of ine	rtia			2.7	7400 kg m²		Vibr	ation seve	erity grad	е	Grade A							
١ ١	g DE NE				6319 C3		6319 C3	The	rmal class			F							
permis (N)	sible late	eral force	e on (N)	9	x ₀ : 300	x _{0,5} : 8650	X _{max} : 8000 Duty type					S 1							
	g lifetin					Direction of rotation						bidirectional							
L _{10mh} F ₁ 50160H	_{Rad min} for Iz ¹⁾	r couplin	g operation		20000 h							cast iron							
Relubrication interval/quantity DE NDE				4	40 g 40 g 6000 h Net weight of the motor					or	971 kg								
Lubricants					L	UNIREX N3 Coating (paint finish)						Standard paint finish C2							
Regreasing device Flat type					Flat type li	e lubricating nipple Color, paint shade						RAL7030							
					M10>	IOx1 DIN 3404 A Motor protection					6 PTC thermistors - for alarm and tripping (4 terminals)								
Type of	f bearing	g			Locatin	ng bearing I	NDE	Met	Method of cooling			IC411 - self ventilated, surface cooled					ooled		
Conde	nsate dra	ainage h	oles		(St	andard) Yes													
Termir	nal box																		
Termin	al box p	osition			box	x at the top		Max	. cross-se	ctional ar	ea			2	240 mm ²				
Materia	al of terr	minal bo	х			cast iron Cable diameter from to					. to	34 mm - 45 mm							
Type of terminal box						TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5							
Contac	Contact screw thread					6xM12 Cable gland									4 plugs				
	ed rotor cur		nt nominal que nominal) L _{10mh} according) at rated power		10/2010			3) V	alue is valid	only for D	OL operation wit	h motor de	sign IC411				
			ninal torque semination and/o	or editing of this			f its contents and patent grant or re						n are prohibited	Offenders	will be held lia	ble for pay	ment of		
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Data sheet for three-	phase Squirrel-Cag	ge-Motors SIMO	TICS			
Motor type: 1CV4310B		SIMOTICS S	D - 315 S - IM V1 - 4p			
Special design						
H00 Canopy						
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	Document type	•			Document status	

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