

	sheet	t for t	hree-pha	se Squi	irrel-Cag	ge-Moto	rs SIMO	TICS									
Motor	type :	1CV43	10B			SI	MOTICS SI) - 315 S	- IM B3 -	- 4p					STONE		
Client order no.					It	Item-No. Consignment no.					Offe	Offer no. Project					
					C						Proje						
Remarks																	
Electric	cal dat	a									Saf -/-	e Area					
U	Δ/Υ	f	Р	Р	ı	n Μ η ³⁾						cosφ ³⁾ I _A /I _N M			M _A /M _N	I _A /M _N M _K /M _N IE-CI	
[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	
						DO	L duty (S1) - 155(F) to 130	(B)							
230	Δ	50	110.00	-/-	335.00	1491	700.0	96.3	96.4	96.0	0.86	0.83	0.74	8.6	3.3	3.3	IE4
400	Y	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
460	'	60	127.00	-1-	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 B3 / I	M1001		FS 315 S			IP55	UKCA	IEC/EN	60034		IEC, DIN, IS	SO, VDE, E	.N				
Environmental conditions : -20 °C -					-20 °C - +4							(hot / col	d) : 30.	8 s 44.	1 s		
Mecha													•				
Sound	level (SF	PL / SWI)	at 50Hz 60H	-lz 66	/ 80 dB(A) ²⁾	3) 71/	85 dB(A) ^{2) 3)}) Con	densate d	Irainage h	noles			(St:	andard) Y	΄ Δ ς	
	nt of ine		at 50112[001	12 00		7400 kg m²	65 GB(A)			ning term							
	DE NI				NU 319		6319 C3			erity grad					Grade A	CJ	
permis	•	eral force	e on (N)	5.	x ₀ : 4000	x _{0,5} : 23000	x _{max} : 15000		mal class	, ,	-				F		
(N) bearin	g lifetin	ne		34	1000	23000	15000		type			۲ 51					
			g operation		40000 h		32000 h		• •	otation				bi	directiona	al	
Relubri	lz " cation in	nterval/q	uantity DE			32000 h Direction of rotation 40 g 40 g					cast iron						
NDE Lubrica	nts					UNIREX N3 Net weight of the motor				or	922 kg						
	sing dev	/ice				e lubricating nipple Coating (paint finish)					Standard paint finish C2						
Grease	J					Ox1 DIN 3404 A Color, paint shade					RAL7030						
	f bearing	ני				ating bearing NDE Motor protection					1 temperature sensor KTY84-130 (2 terminals)						
Bearing	-	ion DE /	Bearing			(Non-drive end) Method of cooling						IC416 - separately ventilated, surface cooled					
Termir	nal box																
Termin	al box p	osition			bo	pox at the top Max. cross-sectional area					ea	240 mm²					
Materia	al of terr	minal bo	x			cast iron Cable diameter from to					. to	34 mm - 45 mm					
Type of terminal box						TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5					
Contac	t screw	thread				6xM12 Cable gland									4 plugs		
			unt nominal	1'	N according	to DIN ISO 281 1	0/2010			3) (/	alua is valid	only for DO	L operation wi	th motor de	ssian IC411		
1./l. = los!:	ed roter co	rrent I com-	are northidl			to DIN ISO 281 1 / at full load	0,2010			3) V	nine is Agiid	only lof DO	⊏ ohei qrioti Mi	an motor de	.ərgii IC# I I		
$M_A/M_N = los$ $M_K/M_N = brown$	cked rotor t eak down t	orque / non	que nominal ninal torque semination and/or		document as we								are prohibited	. Offenders	will be held li	iable for pay	ment of
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV4310B SIMOTICS SD - 315 S - IM B3 - 4p

pecial de	oe:1CV4310B		SIMOTIC	CS SD - 315 S - IM B3	- 4 p			
-	esign							
70	Mounting of separate	ely driven fan		L22 B	earing design for increas	sed cantilever forces		
04		e encoder LL 861 900 22	20	L51 B	earing insulation NDE			
02	Vibration-proof version							
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