

Data:	sheet	t for t	hree-ph	ase Squi	rrel-Cag	je-Moto	rs SIMOT	<u>ICS</u>							-		,	
Motor	type :	1CV43	12B			SI	MOTICS SD	- 315 M	- IM B3	- 4p					New S			
Client order no.				It	em-No.					Offe	Offer no.							
Order no.				C	Consignment no.					Proje	Project							
Remarks												e Area						
Electric	al data	a									-/-	e Area	1					
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]		[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	L duty (S1)	- 155(F) to 130	(B)								
400	Δ	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	
690	Y	50	132.00	-/-	135.00	1490	850.0	96.4	96.6	96.3	0.85	0.81	0.73	8.2	3.3	3.2	IE4	
460	Δ	60	132.00	-/-	205.00	1791	700.0	96.5	96.5	95.9	0.84	0.80		9.2	3.6	3.6	IE4	
460	Δ	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 / II	M1001		FS 315 N	1		IP55	UKCA	IEC/EN	60034	IEC, DIN	, ISO, VDE,	EN, GB 1	8613-2012			Gra	de 2	
		Enviror	nmental co		-20 °C - +4								(hot / col	d) : 25.	4 s I 39.5	i s		
Mecha												-	. (11017 001	u, . 20.	. 5 5 10			
Sound	امريوا (92	DI / SWI!) at 50Hz 60	H ₇ 67	/ 81 dB(A) ²⁾	3) 721	86 dB(A) ^{2) 3)}	Evto	rnal parth	ning term	inal			/S+:	andard) Ye	ac .		
	nt of ine) at 30112[00	112 07		9100 kg m²	00 uв(A) ///			erity grad					Grade A	=5		
Bearing					6319 C3		6319 C3		mal class	, ,	e				F			
			e on (N)												S1			
(N)	g lifetin			9	x ₀ : 300	x _{0,5} : 8650	x _{max} : 8000	-	type ction of re	atation				hi	directiona	ı		
			ng operation		40000 h		32000 h									ı		
50 60H Relubrio	Relubrication interval/quantity DE 40 g 40 g			32000 N	Net weight of the motor				cast iron									
NDE			1			6000 h			_		or			C+	942 kg	:-1- 62		
Lubricants Regreasing device Flat type				UNIREX N3 Coating (paint finish) lubricating nipple Color, paint shade						Standard paint finish C2								
-	-	rice				ubricating n			•			_	DTC (I		RAL7030	.	1.	
11				0x1 DIN 3404 A Motor protection						3 PTC thermistors - for tripping (2 terminals) IC411 - self ventilated, surface cooled								
''	,					ng bearing I		Met	nod of co	oling			IC411	- self vei	ntilated, si	urtace co	ooled	
Conder	isate dra	ainage h	ioles		(St	andard) Yes	i											
Termin	al box																	
Termin	al box p	osition			a	t the left		Max	. cross-se	ctional ar	ea			2	240 mm ²			
Materia	al of terr	minal bo	×			cast iron		Cabl	e diamet	er from	. to			34 n	nm - 45 m	m		
Type of terminal box				TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5								
Contact	t screw	thread				6xM12		Cabl	e gland						4 plugs			
1/1 - locke	and rates cur	rrent l'eurre	ent nominal	1	L _{10mh} according	to DIN ICO 391	10/2010			2) (4)	aluo ic valid	only for Di	OL operation wi	th motor do	viga IC411			
$M_A/M_N = loc$ $M_K/M_N = bre$	ked rotor t eak down t	torque / toro orque / non	que nominal ninal torque	2)	at rated power a	at full load	f its contents and o			others witho	ut express au	ıthorizatio				able for pay	ment of	
			-				patent grant or re								1.			
Responsible department Technical reference IN LVM			erence						repancies be	al data are subject to change! There may be uncies between calculated and rating plate				uments	83.0			
				Document ty	oe .	<u> </u>				, vait		ment sta	itus		翼	42		
T			data sheet	et					Rele	Released Document number								
SIEMENS Document title									le								Docu	
					3AB23-4A	AB6-Z					TDS	TDS-240509-122557				ER ESPECIE		
Restricte	ed			D34							Revis	Revision Creation date Language Page						
© Inno	motics	2024									AA		2024-05-0	9	en	1/2		

ata sheet for three-phase Squir				
otor type :1CV4312B	SIMOTICS SD - 315 M - IM B3 - 4p			
ecial design				
China Energy Efficiency Label				

Technical data are subject to change! There may be discrepancies between calculated and rating plate values. Responsible department Technical reference Created by Approved by Link documents SPC IN LVM Created automatically Document type Document status Released Technical data sheet **SIEMENS** Document title Document number 1LE5504-3AB23-4AB6-Z TDS-240509-122557 D34 Page Revision Creation date Language Restricted 2024-05-09 2/2 © Innomotics 2024