

<u>Data</u>	sheet	t for th	nree-pha	ise Squi	rrel-Cag	je-Moto	rs SIMOT	<u>ICS</u>									
Motor	type :	1CV32	52A			SI	MOTICS SD	- 250 M	I - IM B3	- 2p						a Cal	
Client order no.					It	em-No.					Offe	Offer no.					
Order no.					C	onsignment r	10.				Proj	Project					
Remarks																	
Electric	cal dat	a									-/-	e Area	l				
U Δ/Y f P P I				I	n M			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	
							L duty (S1)	1			l			1			l
400	Δ Υ	50	55.00	- -	95.00	2975	177.0	94.3	94.5	93.9	0.89	0.87		6.7	2.3	3.1	IE3
690 460	Δ	50 60	55.00 62.00	-/- -/-	55.00 92.00	2975 3575	177.0 166.0	94.3	94.5	93.9 92.7	0.89	0.87		6.7	2.3	3.1	IE3
460	Δ	60	55.00	-/-	83.00	3578	147.0	93.6	93.4	92.7	0.89	0.87		7.3	2.5	3.3	IE3
IM B3 / IN		00	FS 250 M	1	05.00	IP55	UKCA		60034	72.5	IEC, DIN, I			7.5	2.3	5.5	I ILS
		Environ	mental co		-20 °C - +4			I ICCICI		Lo			(hot / col	d) · 34	1 s I 54 3	} c	
Mecha			ar co										(1.01) 00.	.,	. 5 55		
			* FOUL-1601	I- 73	1 0 7 dp/(A) 2)	3) 761	OO 4D(A) 2)3)	Fush			inal			14/:41	. (
			at 50Hz 60l	1Z /3/	87 dB(A) 2)		90 dB(A) ^{2) 3)}		rnal earth					VVITI	n (standar	a)	
	nt of ine					4600 kg m²			ation seve		е				Α _		
1	DE NI				6215 C3		6215 C3		rmal class						F		
	g lifetin		a operation						/ type	_					S1		
L _{10mh} F _{Rad min} for coupling operation 40000 h 50 60Hz ¹⁾ Relubrication interval/quantity DE										bidirectional							
NDE	Cationii	intervaliq	uantity DE		2	20 g 20 g 4000 h Frame material					cast iron						
Lubricants				l	Unirex N3 Net weight of the motor				or (IM B3	M B3) 385 kg							
Regrea	sing dev	/ice				With Coating (paint finish)					Standard paint finish C2						
Grease nipple M1				M10	0x1 DIN 3404 A Color, paint shade					RAL7030							
Type of bearing Loca				Locatii	ating bearing NDE			Motor protection			(B) 3 PTC thermistors - for tripping (2 terminals)						
Condensate drainage holes V				Wit	fith (standard) Method of cooling				IC411 - self ventilated, surface cooled								
Termin	al box	,															
Terminal box position					right Max. cross-section			ctional a	nal area				120 mm ²				
Material of terminal box					-			able diameter from to			34 mm - 42 mm						
Type of terminal box					TB1 N01 Cable entry					2xM63x1,5-2xM20x1,5							
Contact screw thread					M10 Cable gland								4 plugs	,			
													01	ith motor de	sign IC411		
$M_A/M_N = loc$	cked rotor t	rrent / curre torque / torq	ue nominal		L _{10mh} according at rated power		10/2010			3) V	alue is valid	only for DC	JL operation wi				
$M_A/M_N = loc$ $M_K/M_N = bre$ Transmittal	cked rotor t eak down t I, reproduct	torque / torq corque / nom tion, dissem	ue nominal iinal torque	2) iting of this doc	at rated power	at full load utilization of its	contents and com	munication t	hereof to oth			-		ffenders will	be held liable	for payme	nt of
$M_A/M_N = loc$ $M_K/M_N = bre$ Transmittal	cked rotor t eak down t I, reproduct All rights cre	torque / torq torque / nom tion, dissem eated by pat	ue nominal iinal torque ination and/or ed ent grant or regi:	2) iting of this doc	at rated power ument as well as ity model or desi	at full load utilization of its	contents and com	munication t		ers without (express autho	orization are					nt of
$M_A/M_N = loc$ $M_K/M_N = bre$ Transmittal damages. A	cked rotor t eak down t I, reproduct All rights cre	torque / torq torque / nom tion, dissem eated by pat	ue nominal iinal torque ination and/or ed ent grant or regi:	2) iting of this doc stration of a utili	at rated power ument as well as ity model or desi	at full load utilization of its gn patent are re	contents and com	Approved		Tecl	express authorized data of repancies be	orization are	e prohibited. Of	ere may be			nt of
$M_A/M_N = loc$ $M_K/M_N = bre$ Transmittal damages. A	cked rotor t eak down t I, reproduct All rights cre	torque / torq torque / nom tion, dissem eated by pat	ue nominal iinal torque iination and/or ed ent grant or regi	2) iting of this doc stration of a utili	at rated power ument as well as ity model or desi erence	utilization of its gn patent are re	contents and com	Approved	by	ers without o	express authornical data or repancies bores.	orization are	e prohibited. On to change! Th Iculated and ra	ere may be			nt of
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor t	type : 1CV3252A		SIMOTICS SI	O - 250 M - IM B3 - 2	р					
Special	design									
L23	Regreasing system			Q72 2 Pt1	00 resista	nce therm	ometers for bearings (4 terminals)	
LZJ	negreasing system						g. (, , , , , , , , , , , , , , , , , , , ,	,	
	l, reproduction, dissemination and/o Il rights created by patent grant or r			mmunication thereof to others v	vithout expre	ess authorizatio	n are prohibited. Offenders will	be held liable fo	or payment of	
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Responsib	ole department	Technical reference	Created by	Approved by			ject to change! There may be	Link docum	<u>ients</u>	
IN LVM			SPC	Created automatically	discrepai values.	ncies between	calculated and rating plate			
		Document type				Document status		38		
		Technical data sheet	t						4	
51	EMENS	Title				Released Document	number			
			1LE1503-2CA23-4AB5-Z			l	321-181342			
Restricte		L23+Q72	- -			Rev.	Creation date	Language	Page	
	motics 2024					AA	2024-03-21	en	2/2	
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