				ise Squi	rrel-Cag		rs SIMOT										
Motor Client ord		1CV307	73B		It	em-No.	MOTICS SD	- 71 M -	IM B5 -	4p	Offe	r no.			Z-allillin	a Car	
Order no.					C	Consignment no.					ect						
Remarks					<u> </u>												
F1												e Area					
Electric								-/-									IE3 IE3 IE3 IE3 IE3
U	Δ/Υ	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)										
230	Δ Υ	50	0.35	-/-	1.67	1410	2.4	77.2	76.2	71.6	0.68	0.59	0.45	5.0	3.2	3.2	
400	Y	50	0.35	- -	0.96	1410	2.4	77.2	76.2	71.6	0.68	0.59	0.45	5.0	3.2	3.2	
460 460	Y	60 60	0.41	-/- -/-	0.96	1710 1720	2.3	78.1 78.2	77.0 76.9	72.8 72.5	0.68	0.59	0.47	5.3 5.7	3.1	3.2	l
IM B5 / II		00	FS 71 M	-/-	0.90	IP55	UKCA	IEC/EN				O.37 SO, VDE, EN		3.7	3.0	3.0	IES
		Environ	ımental coı	nditions :	-40 °C - ±4			12 67 21 4	00031					۱ ۱۱۰ <i>۵</i> 7 ′	2 s I 55.4	l c	
	The	e efficie					nal rating pla to EuP direc								condition	ons.	
Mecha	nical d	lata															
Sound	level (SI	PL / SWL)	at 50Hz 60H	Hz 56/	67 dB(A) 2)	³⁾ 62 /	73 dB(A) ^{2) 3)}	Vibra	ation seve	erity grad	e				Α		
Momer	nt of ine	ertia			0.0	0.0014 kg m ² Thermal class						F					
Bearing	DE N	DE			6202 Z C3	6	5202 Z C3	Duty	type						S1		
		ne						Dire	ction of ro	otation				bio	directiona	I	
bearing	g lifetir				40000 h		32000 h	Fram	ne materia	al				(cast iron		
	-	r couplin	g operation								or (IM B3))			16 1		
L _{10mh} F _F 50 60H	-		g operation			Vithout		Net	weight of	the moto	J. (25)		finish) Standard paint finis				
L _{10mh} F _F 50 60H	Rad min fo Iz ¹⁾ sing dev		g operation			Vithout -/-			weight of ing (pain		s. (55)			Standard	16 kg d paint fin	ish C2	
L _{10mh} F _F 50 60H Regrea	Rad min fo Iz ¹⁾ sing dev nipple	vice	g operation		V		j DE	Coat	-	t finish)	(53)				_	ish C2	
L _{10mh} F _F 50 60H Regrease Grease Type of	Rad min fo Iz 1) sing dev nipple f bearing	vice			V	-/-	j DE	Coat Colo	ing (pain	t finish) nade				F	d paint fin		inals)
L _{10mh} F _F 50 60H Regreas Grease Type of Conder	Rad min fo Iz 1) sing dev nipple f bearing	vice g	oles		Preloa	-/- ded bearing	3 DE	Colo Moto	ing (pain	t finish) nade tion	. (33)		PTC thern	F nistor - fo	d paint fin RAL7030	g (2 term	
L _{10mh} F _F 50 60H Regreas Grease Type of Conder	Rad min fo lz 1) sing dev nipple f bearing nsate dr al earthi	vice g rainage h	oles		Preloa	-/- ded bearing Without	g DE	Colo Moto	ing (pain r, paint sh or protect	t finish) nade tion	. (33)		PTC thern	F nistor - fo	d paint fin RAL7030 or tripping	g (2 term	
L _{10mh} F _F 50 60H Regreat Grease Type of Conder Externa	nipple f bearing all earthi	g rainage h	oles		Preloa	-/- ded bearing Without) DE	Coat Colo Moto Meth	ing (pain r, paint sh or protect	t finish) nade iion oling			PTC thern	F nistor - fo - self ver	d paint fin RAL7030 or tripping	g (2 term	
L _{10mh} F _r 50 60H Regrea: Grease Type of Conder Externa	Rad min fool Iz 1) sing development of bearing all box properties and box properties are properties and box properties and box properties are properties are properties and box properties are prope	g rainage h	oles nal		Preloa	-/- ded bearing Without Without	g DE	Coat Colo Moto Meth	ing (pain r, paint sh or protect nod of cod	t finish) nade ion oling ctional ar	ea		PTC thern	Finistor - fo	d paint fin RAL7030 or tripping	g (2 term urface co	
L _{10mh} F _r 50 60H Regrea: Grease Type of Conder Externa	Rad min fool IZ 1) sing development of bearing all earthing all box parts of terms	g rainage h ring terming consition minal box	oles nal		Preloa	-/- ded bearing Without Without top	j DE	Coat Colo Moto Meth Max Cabl	r, paint short protect nod of coo	t finish) nade ion oling ctional ar	ea		PTC thern	F nistor - fo - self ven 1 9 mi	d paint fin RAL7030 or tripping ntilated, su	g (2 term urface co	

$$\begin{split} &I_A/I_N=locked\ rotor\ current\ /\ current\ nominal\\ &M_A/M_N=locked\ rotor\ torque\ /\ torque\ nominal\\ &M_K/M_N=break\ down\ torque\ /\ nominal\ torque \end{split}$$

1) L_{10mh} according to DIN ISO 281 10/2010 2) at rated power / at full load

3) Value is valid only for DOL operation with motor design IC411

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Responsible department IN LVM	Technical reference	Created by SPC	Approved by Created automatically	discrepa	,	ect to change! There may be calculated and rating plate	Link docume	ents
	Document type			•	Document s	tatus		
SIEMENS	Technical data shee	t			Released		- AUG.	
SICIMICIA	Document title				Document r	number	3853 2000 2000	
	1LE1503-0CB32-2F	B4-Z			TDS-240	606-124332		2929/3929/
Restricted	B02+D03+M11+N05+Q02				Revision	Creation date	Language	Page
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



	pe : 1CV3073B			TICS SD - 71 M - IM		
pecial d			204	N05	Temperature class 155 (F), uti	ilised to 130 (B), cooling medium
02		ficate 3.1 acc. to EN 10	204		temperature 45°C, power redu Anti-condensation heating for	
003	Minimum ambient ter			Q02	Anti-condensation fleating for	250 V (2 terrillidis)
И11	Stainless steel rating	piate				
Additior	nal information:					
Space he	aters					
Technical	data:	1-phase, 230 V	12.5W			
					reof to others without express authorization are	
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