Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor	tvne ·	1CV32	05Δ			SI	MOTICS SD	- 200 I	- IM R35	- 2n							
Motor type: 1CV3205A Client order no.						SIMOTICS SD - 200 L - IM B35 - 2p					Offe	Offer no.					
Order no.					Co	Consignment no.				Proje	Project						
Remarks											Saf	e Area					
Electric	cal dat	a									-/-						
U	Δ/Υ	f	Р	Р	ļ	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	
						DO	L duty (S1)	- 155(F) to 130	(B)							
400	Δ	50	37.00	-/-	65.00	2955	120.0	93.7	94.2	94.0	0.88	0.85	0.78	7.1	2.5	3.2	IE3
690	Y	50	37.00	-/-	37.50	2955	120.0	93.7	94.2	94.0	0.88	0.85	0.78	7.1	2.5	3.2	IE3
460 460	Δ	60	41.50 37.00	-l- -l-	63.00 57.00	3555 3560	111.0 99.0	93.0	93.3	92.9 92.3	0.89	0.87	0.80	7.1 7.6	2.5	3.2	IE2
IM B35 / I		00	FS 200 L	-/-	37.00	IP55	UKCA		60034	92.3		0.83 SO, VDE, EN		7.0	2.7	3.3	IES
		Enviror	nmental co	nditions : -	 20 °C - +4					Lo		or time (d) : 27.7	7 s 46.	8 s	
Mecha	nical d	ata															
Sound	level (SF	PL / SWI)	at 50Hz 60H	Hz 74/	81 dB(A) ²⁾	3) 79 / 8	36 dB(A) ^{2) 3)}	Vibr	ation seve	erity grad	e				Α		
	nt of ine		at 50.12[00.	,,,	` '	1580 kg m²	75 45(7)		mal class		-				F		
	DE NI				NU 212		12 2Z C3		/ type						S1		
_	g lifetin								ction of ro	otation				bio	directiona	al	
-	-		g operation	4	10000 h	32000 h Frame material					cast iron						
	ız '' sing dev				V	Vithout		Net	weight of	the mot	or (IM B3))			250 kg		
Grease						-/- Coating (paint finish)					Standard paint finish C2						
	f bearing	a			Locatir	iting bearing NDE Color, paint shade					RAL7030						
		ainage h	oles			h (standard)			or protect		(A) without (Standard)						
3						/ith (standard) Method of cooling				IC411 - self ventilated, surface cooled							
Termin	al box																
Terminal box position						top Max. cross-sectional area				ea	25 mm²						
Material of terminal box					cast iron Cable diameter from to				. to								
Type of terminal box				-	TB1 LO1 Cable entry					2xM50x1,5							
Contac	t screw	thread				M6		Cab	e gland					:	2 plugs		
$M_A/M_N = loc$	cked rotor t		ent nominal que nominal ninal torque		_{-10mh} according trated power <i>l</i>	to DIN ISO 281 1 at full load	0/2010			3) V	alue is valid	only for DOL	operation wi	th motor des	sign IC411		
$M_A/M_N = loc$ $M_K/M_N = bre$	cked rotor t eak down t	torque / toro	que nominal	2) a	t rated power /	at full load				others witho	ut express au	thorization a				iable for payı	nent of
$M_A/M_N = loc$ $M_K/M_N = bre$	cked rotor t eak down t ittal, reprod	torque / tord orque / non duction, dis	que nominal ninal torque semination and/o	2) a	t rated power / ocument as wel damages. All ri	at full load	its contents and c		utility mode	others witho	ut express au atent are rese hnical data a	thorization and the subject to	re prohibited	. Offenders v			nent of
$M_A/M_N = loc$ $M_K/M_N = bre$ Transmi	cked rotor t eak down t ittal, reprod	torque / tord orque / non duction, dis	que nominal ninal torque semination and/o	2) a	t rated power / ocument as wel damages. All ri	at full load l as utilization of ights created by p	its contents and c	gistration of a	utility mode	others without or design p	ut express au atent are rese hnical data a repancies be	thorization a	re prohibited	. Offenders v	will be held l		nent of
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		1LE1503-2AA53-4JA	44-Z			TDS-240	625-110505		
tricted		D47+L22				Revision	Creation date	Language	Page
Innomot	tics 2024					AA	2024-06-25	en	2/2