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



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Motor type : 1CV3403C Client order no.					lt	SIMOTICS SD Add - 400 - IM B3 - 6p						Offer no.						
Order no.						Consignment no.						one no.						
					С						Proj	Project						
Remarks					•						Sat	fe Area						
Electric	al data	a									-/-	ie Alea						
U	Δ/Υ	f	Р	Р	I	n	М		η <sup>3)</sup>			cosφ	3)	I <sub>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub>	IE-C	
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I <sub>I</sub> /I <sub>N</sub>	T <sub>I</sub> /T <sub>N</sub>	$T_B/T_N$		
						DC	OL duty (S1)	- 155(F	) to 130	(B)								
380	Δ	50	450.00	-/-	850.00	992	4350.0	96.0	96.1	95.8	0.84	0.81		6.5	1.9	2.8	IE3	
660	Y	50	450.00	-/-	490.00	992	4350.0	96.0	96.1	95.8	0.84	0.81	0.74	6.5	1.9	2.8	IE3	
440	Δ	60	450.00	-/-	740.00	1195	3600.0	96.1	95.9	95.1	0.83	0.80		7.3	2.1	3.0	IE3	
440	Δ	60 60	518.00	-/- 600	840.00	1193	4150.0	96.0	96.1 95.9	95.7	0.84	0.82		6.4	1.8	2.6	IE3	
440 IM B3 / IM		SF:	FS 400	600	731.82	1195 IP55	3600.0 UKCA	96.1 IEC/EN		95.1		0.80		7.4	2.1	3.0	MG1	
IM B3 / IM1001 <sub>4</sub> ) SF: F5 400  Environmental conditions: -20 °C -				-20 °C - +4						L, CSA, NEMA MG1-Part 20 ed rotor time (hot / cold) : 4.48 s   5.14 s								
Mechai													(**************************************		- 1			
Sound I	evel (SF	PL / SWL)	at 50HzI60	Hz 72	/ 88 dB(A)	3) 75	/ 91 dB(A) <sup>3)</sup>	Conc	densate d	rainage l	noles			(Sta	ndard) Ye	ıs		
						22.0000 kg m <sup>2</sup> Condensate drainage hole												
				DIN	1625-6224-0	-	625-6224-C3			-		Grade A						
Bearing DE   NDE DIN625-6224 permissible lateral force on (N) $x_0$ : 6520												F						
(N)	ı lifetin	16		6	520	x <sub>0,5</sub> : x <sub>max</sub> : Thermal class N/A 5610  Duty type						S1						
bearing lifetime  L <sub>10mh</sub> F <sub>Rad min</sub> for coupling operation  40000 b					40000 h	32000 h Direction of rotation						bidirectional						
50 60Hz   1) 40000 n Relubrication interval/quantity DE						40 a 1 40 a						cast iron						
NDE						Frame material  GADUS S2 V100 3  Frame material  Net weight of the motor					or	2900 kg						
						e lubricating nipple  Coating (paint finish)					OI	Standard paint finish C2						
						0x1 DIN 3404 A Color, paint shade						RAL7030						
						ating bearing DE Motor protection					6 PTC thermistors - for alarm and tripping (4							
Rearing insulation DE / Rearing					(Non-drive end) Method of cooling						terminals) IC411 - self ventilated, surface cooled							
Termin	al box																	
Termina	al box p	osition		-	oox at the ar	nale 45°, so	cket riaht	Max	cross-se	tional a	ea			3	00 mm <sup>2</sup>			
Material of terminal box						cast iron Cable diameter from to												
						1XB1631 Cable entry						4xM80x2 - 2xM25x1,5						
	3.					12xM16 Cable gland									glands	,,,,,		
$M_A/M_N = loc$ $M_K/M_N = bre$	ked rotor t eak down t	orque / toro orque / non	que nominal ninal torque	2	) L <sub>10mh</sub> according ) at rated power	l at full load				4) F	or IM B5 des	ign additior	OL operation wi	ot (not scope	of delivery) is			
				-				munication tl	nereof to oth	ers without e	express auth	orization ar	e prohibited. Of	tenders will	be held liable	tor payme	nt of	
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CI	anical data  d level (SPL / SWL) at 50Hz 60Hz ent of inertia  ing DE   NDE ssible lateral force on (N)  ing lifetime  Frad min for coupling operation  Hz 1) rication interval/quantity DE   eants asing device e nipple of bearing ing insulation DE / Bearing tion NDE  nal box  nal box  nal box position rial of terminal box of terminal box cut screw thread  cked rotor current / current nominal cocked rotor torque / torque nominal cocked rotor torque / tor		Technical	data sheet							ased			<b>**</b>		2		
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## Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



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Motor type : 1CV3403C SIMOTICS SD Add - 400 - IM B3 - 6p

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