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

Motor type : 1AV1130A SIMOTICS GP - 132 S - IM B3 - 2p																		
Client ord		17.0 11	507		1	Item-No.						er no.						
Order no.						Consignment no.						Project						
Remarks											Sat	fe Are	a					
Electric	al dat	а									-/-		9					
U	U Δ/Y f P			Р	I	n	η <sup>3)</sup>				cosφ <sup>3)</sup> I <sub>A</sub> /I <sub>N</sub>				M <sub>K</sub> /M <sub>N</sub>	N IE-CL		
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	1	I <sub>I</sub> /I <sub>N</sub>	T <sub>I</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>		
						DC	DL duty (S1	, - 155(I	-) to 130	(B)								
400	Δ	50	5.50	-1-	10.70	2910	18.0	84.7	85.8	85.3	0.88	0.84		5.7	1.8	2.6	IE1	
690	Y	50	5.50	-1-	6.20	2910	18.0	84.7	85.8	85.3		0.84		5.7	1.8	2.6	IE1	
460	Δ	60	6.30	-/-	10.30	3510	17.1	86.0	86.5	85.8	0.89	0.84	4 0.76	6.0	1.8	2.7	IE1	
IM B3 / IN	vi 1001		FS 132	s		IP55	UKCA	IEC/EN	60034		IEC, DIN, I	SO, VDF	. FN					
Environmental conditions : -20 °C -												d rotor time (hot / cold) : 11.6 s   23.5 s						
Mecha					20 0 1									<u>a,</u>	0 0 1 2 0 1			
								-										
			at 50Hz 60	0Hz 68	/ 80 dB(A) <sup>2</sup>						ide							
	nt of ine					0.0130 kg m <sup>2</sup> Thermal class					F							
-	DE   NI			6	5208 2Z C3	6	208 2Z C3		Duty type				S1					
	<b>g lifetin</b> <sub>Rad min</sub> fo		g operatior	1	40000 h		32000 h		Direction of rotation				bidirectional aluminum					
L <sub>10mb</sub> F <sub>Rad min</sub> for coupling operation 40000 h 50 60Hz <sup>1)</sup> Regreasing device						Without	52000 H		Frame material				aiuminum 35 kg					
-	-	lice				-/-		Net weight of the motor (IM B3) Coating (paint finish)				35 kg Standard paint finish C2						
Grease nipple Type of bearing Prel						aded bearing	plor, paint shade				RAL7030							
Condensate drainage holes						Without	g DL		Motor protection				(A) without (Standard)					
External earthing terminal						Without Method of co												
										J								
Termin	al box																	
Terminal box position						top Max. cross-section												
Material of terminal box						Aluminium Cable diamete				er from	from to 1				mm - 21 mm			
Type of terminal box						TB1 H00	able entry					2xM32x1,5						
Contact screw thread						M4 Cable gland									2 plugs			
		rrent / curre				to DIN ISO 281	10/2010			3)	Value is valid	only for [	OL operation w	ith motor de	sign IC411			
		torque / torq :orque / nom		2	) at rated powe	/ at full load												
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IN LVM												ancies between calculated and rating plate						
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