

			-	ise Squi	irrel-Cag		ors SIMOT		- IM R2 -	4n								
Motor type : 1CV4314B  Client order no.					Ite	SIMOTICS SD - 315 L - IM B3 - 4p					Offe	Offer no.						
Order no						onsianment	no.				Proje	ect						
Order no.						Consignment no.					110,0							
Remarks  Electric	cal dat	a									Saf -/-	e Are	a					
U	Δ/Υ	f	Р	Р	I	n	М		η 3)			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-CL	
[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>	$T_B/T_N$		
							OL duty (S1)	1			1			l				
380 660	Δ Υ	50 50	160.00 160.00	-l- -l-	295.00 170.00	1490 1490	1030.0	96.6	96.8 96.8	96.6 96.6	0.85	0.8		7.9	3.3	3.1	IE4	
440	Δ	60	160.00	-/-	260.00	1791	850.0	96.5	96.5	96.0	0.84	0.80		8.9	3.7	3.4	IE4	
440	Δ	60	184.00	-/-	290.00	1790	980.0	96.5	96.6	96.4	0.86	0.83		7.9	3.2	3.0	IE4	
								ļ										
IM B3 / II		F.m. dina	FS 315 L	n ditions .	20 °C + 1	IP55	UKCA	IEC/EN	60034	l a	IEC, DIN, IS			۹) ۰ ۵0 .	2 - 1 45 0 -			
Mecha			nmental co	านานอกร :	-20 C-+4	+∪ C / I	ווו טטט			LO	ckeu roto	JI LIM	e (hot / col	u) : 30.:	3   45.9 !			
Mecha	nicai d	lata																
Sound	level (SF	PL / SWL)	at 50Hz 60H	Hz 68	/ 83 dB(A) <sup>2)</sup>	<sup>2) 3)</sup> 72 / 87 dB(A) <sup>2) 3)</sup> Condensate drainage hol					holes	les (Standard) Yes						
	nt of ine					7900 kg m			rnal earth	_					ındard) Yes			
	Bearing DE   NDE 6319 C permissible lateral force on (N) $x_0$ :					Xo.s.	6319 C3		Vibration severity grade				Grade A					
(N)			2 0 (. 1,	9	x <sub>0</sub> : 300	X <sub>0,5</sub> : X <sub>max</sub> : Thermal class						F						
	<b>g lifetin</b> <sub>Rad min</sub> for		g operation		40000 h		32000 h		type	tation		S1						
Relubri	IZ ''		uantity DE			0 g   40 g			Direction of rotation			bidirectional						
NDE Lubricants				- 11	6000 h Frame material  UNIREX N3 Net weight of the mo					or	cast iron 1200 kg							
					pe lubricating nipple Coating (paint finis					.01	Special paint finish C3							
					Ox1 DIN 3404 A Color, paint shade						RAL7030							
	f bearing	q				tating bearing DE Motor protection					6 PTC thermistors - for alarm and tripping (4							
Bearing insulation DE / Bearing insulation NDE				Yes (Non-drive end)			Met	Method of cooling				terminals) IC411 - self ventilated, surface cooled						
Termin	al box	,																
Terminal box position				box	pox at the top Max. cross-sectional area					rea	240 mm²							
Material of terminal box				cast iron Cable diameter from :					to									
Type of terminal box				-	TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5							
Contac	Contact screw thread					6xM12 Cable gland									4 plugs			
			nt nominal		L <sub>10mh</sub> according		1 10/2010			3) V	alue is valid	only for E	OOL operation wi	th motor de	sign IC411			
$M_A/M_N = loc$ $M_K/M_N = brown$	eak down t	torque / toro orque / non	ninal torque		at rated power /		of its contents and	communication	on thereof to	others with	out express au	uthorizatio	on are prohibited	. Offenders	will be held liab	le for payn	nent of	
$M_A/M_N = loc$ $M_K/M_N = brown$	cked rotor t eak down t	torque / toro orque / non	ninal torque		document as wel	l as utilization	of its contents and by patent grant or re						on are prohibited	. Offenders	will be held liab	le for payn	nent of	
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## Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



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02	Acceptance test certif	ficate 3.1 acc. to EN 10	204	Q82	Extens month	sion of the liability for defects by 24 mass (3 years) from delivery	onths to a tota	al of 36
51	Bearing insulation NE	DE		S02		al paint finish C3		
11	Stainless steel rating	plate						
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