U Δ/Υ		6D		lte	SI									duriti	1 200		
emarks  Electrical data  U \( \Delta \int Y \)	f			lte		MOTICS SD	Add - 3	15 L - IN	1 B3 - 8p	)							
emarks  Electrical data  U Δ/Υ	f				ltem-No.				Offe	Offer no.							
Electrical data  U Δ/Υ	f			Co	Consignment no.				Proje	Project							
U Δ/Υ	f																
	f	Electrical data								Saf -/-	Safe Area -/-						
[V] [	U Δ/Y f P P I			ı	n Μ η <sup>3)</sup>						cosφ <sup>3)</sup> I <sub>A</sub> /I <sub>N</sub> N				M <sub>A</sub> /M <sub>N</sub> M <sub>K</sub> /M <sub>N</sub> IE-0		
	[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	L duty (S1)	- 180(F	) to 130	(B)								
415 Δ	50	132.00	-/-	235.00	741	1700.0	94.9	95.3	95.1	0.82	0.78	0.70	6.1	2.4	2.5	IE4	
480 Δ	60	122.00	,	205.00	002	1410.0	05.4	05.5	05.0	0.02	0.70	0.60	6.0	2.7	2.0	IF.	
	60	132.00 148.00	-l- -l-	205.00	893 891	1410.0 1590.0	95.4 95.4	95.5 95.7	95.0 95.4	0.82	0.78	0.69	6.9 6.5	2.7	2.8	IE4	
.00	60	140.00	175	201.25	893	1410.0	95.4	95.5	95.0	0.82	0.78	0.69	6.9	2.7	2.8	MG	
IM B3 / IM1001		FS 315 L	Ti-		IP55	UKCA		60034			, NEMA MO						
Е	Enviror	nmental co	nditions	: -20 °C - +	°C / 100	00 m	Locked rotor time (hot / cold) :						ld) : 32	32.5 s   58 s			
Mechanical dat	a																
Sound level (SPL /	/ SWL) a	at 50HzI60H	z 65 l	80 dB(A) 2)	<sup>3)</sup> 67 <i>l</i>	82 dB(A) <sup>2) 3)</sup>	Exte	rnal earth	ina term	inal			(Sta	ndard) Ye	25		
Moment of inertia		2000.	2 05,		) 2) 3) 67 / 82 dB(A) 2) 3) External earthing termina 5.0900 kg m <sup>2</sup> Vibration severity grade					(Standard) Yes Grade A							
			6319 C3						_	H							
permissible lateral force on (N) $x_0$ :			Χ <sub>0</sub> :	x <sub>0,5</sub> : 10600	x <sub>max</sub> : 9200	Duty type					п S1						
bearing lifetime			2000	10600	9200	Direction of rotation					bidirectional						
I F for coupling operation			40000 h		32000 h	000 h Frame material				cast iron							
Lubricants				Net weight of the motor					1110 kg								
Regreasing device Flat typ			Flat type lu	e lubricating nipple Coating (paint finish)					Standard paint finish C2								
Grease nipple				M10x	1 DIN 3404	1 A	Colo	r, paint sl	hade				F	RAL7030			
			Locatin	ating bearing NDE Motor protection					1 temperature sensor KTY84-130 (2 terminals)								
<i>,,</i>			(Sta	Standard) Yes Method of cooling					IC416 - separately ventilated, surface cooled								
Terminal box																	
Terminal box posi	ition			box	box at the top Max. cross-sectional area					ea	240 mm²						
Material of terminal box				C	cast iron Cable diameter from to					to	38 mm - 45 mm						
Type of terminal b	box			1	TB1Q01 Cable entry						2xM63x1,5 - 2xM20x1,5						
Contact screw thread				6xM12 Cable gland					4 plugs								

Responsible department								ents	
IN LVM	SPC Created automatically discrep				ncies between	calculated and rating plate	具数		
	Document type					tatus			
SIEMENS	Technical data sheet								
SIEWIEWS	Document title					number			
	1LE5534-3AD63-5AF4-Z				TDS-240	516-120521	ED SW SCHOOL ST		
Restricted	F70+G06+N11				Revision	Creation date	Language	Page	

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



Motor type : 1CV4316D SIMOTICS SD Add - 315 L - IM B3 - 8p

Special de	esign									
F70	Mounting of separate	ely driven fan		N11	Temperature o	lass 180(H	), and coolant tempera	iture max. 6	0°C	
G06	Mounting a rotary pu	ılse encoder HOG 10 D 10	24 I							
	3 71									
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Responsible d	lepartment	Technical reference	Created by	Approved by			ect to change! There may be	Link docum	ents	
IN LVM			SPC	Created automa	atically discrepa	ncies between	calculated and rating plate		578457AE	
		Document type		<u> </u>	- unues.	Document s	status			
		Technical data sheet					Released			
SIE	<b>MENS</b>	Document title					number			
		1LE5534-3AD63-5AI	-4-7			516-120521	画数	可發展發展		
Restricted		F70+G06+N11	- <del>-</del>			Revision	Creation date	Language	Page	
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