

2024-07-22

1/2

Client order no.	: 1AV116	64R			SIN	MOTICS GI	P - 160 L -	(F) IM	B5 / IN	/I3001 -	р			- Si	
				It	Item-No. Consignment no.						Offer no.				
				C						Pi	Project				
Remarks															
Electrical da	ıta									-/-					
U Δ/Υ	/ f	Р	Р	I	n	М		η 3)			cosφ	3)	I _A /I _N	M _A /M _N	
[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
100		2.20	,	10.10		L duty (S1) to 130	(B)	1 0 5	.		1 40	2.5	2.2
400	50	3.30 14.00	-/- -/-	10.40 32.50	735 1475	43.0 91.0	81.4			0.56			7.2	2.5	3.3
(F) IM B5 / IM300		FS 160 L	-/-	32.30	1473	91.0	IEC/EN	60034		0.7.	<u> </u>		7.2	2.5	3.3
<u> </u>	Environ		nditions :	-20 °C - +4	10 °C / 100	00 m	1 1-3/-11								
						n from EU 201	19/1781 acc.	to Article	2 (2) (n)						
Mechanical	data														
Sound level (SPL / SWL)	at 50HzI60F	-l7	/ dB(A) ³⁾	1	dB(A) 3)	Duty	tyne					S1 = cont	inuous or	peration
Moment of in		at 30112[001	12		0.0560 kg m ²			Duty type Direction of rotation						directiona	
Bearing DE 1			e	309 2ZC3	,									luminum	
Regreasing de					40000 Net weight of the motor				otor	aluminum 85 kg					
					ating bearing NDE Coating (paint finish)					Standard paint finish C2					
Condensate of	_	oles			No			r, paint s						RAL7030	
External earthing terminal				No Motor protection					Without						
Vibration severity grade			Α	A (standard) Method of cooling					IC 411						
Thermal class	;				F										
Terminal bo	×														
Terminal box	position			Termina	l box - at the	top	Max	. cross-se	ctional	area				16 mm²	
Material of terminal box			А	Aluminium Cable diameter from			to	. to 19 mm - 28 mm							
Type of terminal box				TB1 J00 Cable entry					2xM40x1,5						
Contact screv	v thread				M5	Cabl	Cable gland				2 plugs				
$I_{A}II_{N}=locked\ rotor\ r$ $M_{A}/M_{N}=locked\ roto$ $M_{g}/M_{N}=break\ down$	or torque / torqu	ie nominal		L _{10mh} according at rated power	to DIN ISO 281 11 / at full load	2/2010			3) Value is va	id only for D	OL operation (with motor de	sign IC411	
$M_A/M_N = locked roto$ $M_K/M_N = break down$	or torque / torqu n torque / nomi	ue nominal nal torque	2)	at rated power	at full load	its contents and			others wi	thout expres	authorizatio				able for payment (
$M_A/M_N = locked roto M_K/M_N = break down Transmittal, repute Responsible deposits of the second $	or torque / torqu n torque / nomi roduction, disse	ue nominal nal torque emination and/or	2)	at rated power locument as we damages. All I	at full load last at full load	its contents and		utility mode	others wi	thout expres n patent are echnical dan iscrepancie	authorizatio eserved. a are subjec		ed. Offenders There may be	will be held li	
$M_A/M_N = locked roto M_K/M_N = break down Transmittal, repute Responsible deposits of the second $	or torque / torqu n torque / nomi roduction, disse	ue nominal nal torque emination and/or	2) r editing of this o	at rated power locument as we damages. All I	ll as utilization of ights created by	its contents and	Approved I	utility mode	others wi	thout expres n patent are echnical dar iscrepancies alues.	authorizatio eserved. a are subjec	n are prohibite t to change! I Iculated and	ed. Offenders There may be	will be held li	
$M_A/M_N =$ locked roto $M_K/M_N =$ break down Transmittal, report Responsible deposits LVM	or torque / torqu n torque / nomi roduction, disse artment	ie nominal nal torque emination and/or	2) r editing of this o	at rated power locument as we damages. All i	l as utilization of ights created by Created by SPC	its contents and	Approved I	utility mode	others wi	thout expres n patent are echnical dar iscrepancies alues.	authorizatio eserved. a are subjec between ca	n are prohibite t to change! I Iculated and	ed. Offenders There may be	will be held li	
$M_A/M_N = locked roto \\ M_K/M_N = break down \\ Transmittal, repu$	or torque / torqu n torque / nomi roduction, disse artment	ie nominal nal torque emination and/or	2) r editing of this of Technical refe	at rated power locument as we damages. All I	l as utilization of ights created by Created by SPC	its contents and	Approved I	utility mode	others wi	thout expres n patent are sechnical dai iscrepancies alues. Do Re	a authorization eserved. a are subject between ca	n are prohibito t to change! i Iculated and	ed. Offenders There may be	will be held li	

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

Special design



Motor type : 1AV1164R SIMOTICS GP - 160 L - (F) IM B5 / IM3001 - p

F74	Sheet steel fan cowl		R12 1	Terminal box	rotated through 180°					
M1Y	Non-standard windin	ng: 400VD,50Hz	50Hz Y59 Non-sta			cylindrical s				
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N LVM			SPC	Created automati	cally discrepa	ncies between calculated and rating plate				
		Document type	ı		vuiues.	Document s	status		1	
			Technical data sheet							
SIE	EMENS	Document title								
		1LE1011-1DR49-0FA4-Z F74+M1Y+R12+Y59					number 722-151915			
Restricted							Creation date	Language	Page	
	otics 2024					Revision AA	2024-07-22	en	2/2	
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