

SIMOTICS GP - 132 S - IM V1 - 2p

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Safe Area

U	Δ / Y	f	P	P	I	n	M	$\eta^{3)}$			$\cos\varphi^{3)}$			I_A/I_N	M_A/M_N	M_K/M_N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I_A/I_N	T_I/T_N	T_B/T_N	

DOL duty (S1) - 155(F) to 130(B)

IM V1 / IM 3011		FS 132 S		IP55	UKCA	IEC/EN 60034	IEC, DIN, ISO, VDE, EN		
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Locked rotor time (hot / cold) : 9.3 s | 13.6 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	68 / 80 dB(A) ^{2) 3)}	72 / 84 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.0310 kg m ²		Thermal class	F
Bearing DE NDE	6208 2Z C3	6208 2Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad min} for coupling operation 50 60Hz ¹⁾	20000 h	16000 h	Frame material	aluminum
Regreasing device	Without		Net weight of the motor (IM B3)	57 kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Preloaded bearing DE		Color, paint shade	RAL7030
Condensate drainage holes	With		Motor protection	1/3 Bi-metallic sensors (opener) for tripping (2 terminals)
External earthing terminal	Without		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top	Max. cross-sectional area	0 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	0 mm - 0 mm
Type of terminal box	TB1 H40	Cable entry	1xM32x1,5-1xM16x1,5
Contact screw thread	- / -	Cable gland	2 glands

Notes:

I_A/I_N = locked rotor current / current nominal
 M_A/M_N = locked rotor torque / torque nominal
 M_K/M_N = break down torque / nominal torque

1) L10mh according to DIN ISO 281 10/2010
2) at rated power / at full load

3) Value is valid only for DOL operation with motor design IC411

responsible dep.	technical reference	created by	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
DI MC LVM		DT Configurator					
	document type			document status			
	datasheet			released			
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	H03+M10+M1Y+Q3A+R23			rev.	creation date	language	Page
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3131A

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Special design

H03	Condensation drain holes in end shield	Q3A	1/3 Bi-metallic sensors (opener) for tripping (2 terminals)
M10	Additional rating plate, loose	R23	6 cable ends brought out, 1.5m long
M1Y	Non-standard winding:		

Notes:

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