

SIMOTICS GP - 132 M - IM B5 - 4p

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

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_A/T_N	T_B/T_N	
415	Δ	50	7.50	-/-	14.40	1465	49.0	90.4	90.7	90.4	0.80	0.74	0.63	8.5	3.0	3.8	IE3
480	Δ	60	8.60	-/-	13.90	1765	46.5	91.7	92.2	91.6	0.81	0.76	0.65	8.8	3.0	3.8	IE3
480	Δ	60	7.50	-/-	12.50	1770	40.5	91.7	91.6	90.6	0.79	0.73	0.61	9.8	3.4	4.3	IE3
IM B5 / IM 3001			FS 132 M		64 kg		IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Locked rotor time (hot / cold) : 14.6 s | 19.9 s

Sound level (SPL / SWL) at 50Hz 60Hz	69.0 / 73.0 dB(A) ²⁾	69.0 / 73.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0334 kg m ²		Vibration severity grade	A
Bearing DE NDE	6208 2Z C3	6208 2Z C3	Insulation	155(F) to 130(B)
bearing lifetime			Duty type	S1
L _{10mh} F _{Rad min} 50 60Hz ¹⁾ for coupling operation	40000 h	32000 h	Direction of rotation	bidirectional
Lubricants	Unirex N3		Frame material	aluminum
Regreasing device	No		Coating (paint finish)	Standard paint finish C2
Grease nipple	-/-		Color, paint shade	RAL7030
Type of bearing	Preloaded bearing DE		Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)
Condensate drainage holes	No		Method of cooling	IC416 - separately ventilated, surface cooled

Terminal box position	top	Max. cross-sectional area	6.0 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	11.0 mm - 21.0 mm
Type of terminal box	TB1 H00	Cable entry	2xM32x1,5-1xM16x1,5
Contact screw thread	M4	Cable gland	3 plugs

I_{Lr}/I_{N_r} = locked rotor current / current nominal	1) L10mh according to DIN ISO 281 10/2010	3) Value is valid only for DOL operation with motor design IC411
M_{Lr}/M_{N_r} = locked rotor torque / torque nominal	2) at rated power / at full load	
M_b/M_{N_r} = break down torque / nominal torque		

responsible dep.	technical reference	created by	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.			
DI MC LVM		DT Configurator					
	document type			document status		customer	
	datasheet			released			
	title			document number			
	1LE1003-1CB23-5FB4-Z						
	B02+F01+F12+F70+G11+Q02+Y82			rev.	creation date	language	Page
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B02	Acceptance test certificate 3.1 acc. to EN 10204	G11	Rotary pulse encoder Sendix 5020 (HTL)
F01	Mounting a brake	Q02	Anti-condensation heating for 230 V (2 terminals)
F12	Brake supply voltage 400 V AC, 50/60 Hz	Y82	Auxiliary name plate with customer data
F70	Mounting of separately driven fan		

Space heaters

Technical data: 1-phase, 230 V 50W

Brake:

Description:	BFK458-16	Current:	.31 A
Voltage:	AC 400 V	Moment of inertia:	.0015 Nm

Notes:

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customer

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