

SIMOTICS GP - 132 M - IM B3 - 4p

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

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Safe Area

U	Δ / Y	f	P	P	I	n	M	η ³⁾			cosφ 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 _I /I _N	T _I /T _N	T _B /T _N	
460	Δ	60	8.60	-/-	14.20	1770	46.5	89.5	90.0	89.5	0.85	0.81	0.73	7.5	2.1	3.5	IE2
IM B3 / IM 1001			FS 132 M		64 kg		IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Locked rotor time (hot / cold) : 15.6 s | 22 s

Sound level (SPL / SWL) at 50Hz 60Hz	64.0 / 76.0 dB(A) ²⁾	68.0 / 80.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0460 kg m ²		Vibration severity grade	A
Bearing DE NDE	6308 Z C3	6208 Z 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
Relubrication interval/quantity DE NDE	10 g 8000 h	10 g	Frame material	aluminum
Lubricants	Unirex N3		Coating (paint finish)	Standard paint finish C2
Regreasing device	Yes		Color, paint shade	RAL7030
Grease nipple	M8x1 DIN 71412		Motor protection	(A) without (Standard)
Type of bearing	Preloaded bearing DE		Method of cooling	IC411 - self ventilated, surface cooled
Condensate drainage holes	-/-			

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
Contact screw thread	M4	Cable gland	2 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_r/M_N = locked rotor torque / torque nominal	2) at rated power / at full load	
M_b/M_N = break down torque / nominal torque		

responsible dep. DI MC LVM	technical reference	created by DT Configurator	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3132B

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Special design

L22	Bearing design for increased cantilever forces	M1F	460 VD for 60 Hz, 60-Hz power
L23	Regreasing system	Y82	Auxiliary name plate with customer data

Notes:

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