

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	
230	Δ	50	11.00	-/-	38.00	1470	71.0	91.4	91.9	91.5	0.80	0.75	0.63	7.7	2.6	3.6	IE3
400	Y	50	11.00	-/-	21.50	1470	71.0	91.4	91.9	91.5	0.80	0.75	0.63	7.7	2.6	3.6	IE3
460	Y	60	12.60	-/-	21.00	1765	68.0	92.4	92.9	92.6	0.82	0.77	0.67	7.9	2.7	3.6	IE3
460	Y	60	11.00	-/-	19.00	1775	59.0	92.4	92.6	91.8	0.79	0.73	0.62	8.7	3.1	4.1	IE3
IM B3 / IM 1001			FS 132 M		81 kg		IP55			IEC/EN 60034		IEC, DIN, ISO, VDE, EN					

Locked rotor time (hot / cold) : 15.8 s | 23.5 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	0.0490 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} for coupling operation 50 60Hz ¹⁾	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	(K) 1 Pt1000 resistance thermometer(2 terminals)
Condensate drainage holes	-/-		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_r/I_n = locked rotor current / current nominal M_r/M_n = locked rotor torque / torque nominal M_b/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
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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					
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3136B

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Special design

F01	Mounting a brake	G11	Rotary pulse encoder Sendix 5020 (HTL)
F10	Brake supply voltage 24 V DC	M10	Additional rating plate, loose
F70	Mounting of separately driven fan		

Additional information:

Brake:

Description:	BFK458-16	Current:	2.3 A
Voltage:	DC 24 V	Moment of inertia:	.0015 Nm

Notes:

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