

SIMOTICS GP - 132 S - IM B3 - 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_I/I_N	T_I/T_N	T_B/T_N	
400	Δ	50	7.50	-/-	13.10	2950	24.5	90.1	91.0	91.0	0.92	0.90	0.84	8.3	1.9	3.9	IE3
690	Y	50	7.50	-/-	7.60	2950	24.5	90.1	91.0	91.0	0.92	0.90	0.84	8.3	1.9	3.9	IE3
460	Δ	60	8.60	-/-	13.00	3550	23.0	90.2	90.8	90.5	0.92	0.90	0.84	8.2	2.0	3.9	IE3
460	Δ	60	7.50	-/-	11.50	3560	20.0	90.2	90.4	89.6	0.91	0.88	0.82	9.4	2.2	4.5	IE3

IM B3 / IM 1001	FS 132 S	57 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Environmental conditions : -20 °C - +40 °C / 1,000 m

Locked rotor time (hot / cold) : 9.25 s | 13.5 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	68.0 / 80.0 dB(A) ²⁾	72.0 / 84.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0310 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	(B) 3 PTC thermistors - for tripping (2 terminals)
Condensate drainage holes	-/-		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

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

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. DI MC LVM	technical reference	created by DT Configurator	approved by	<i>Technical data are subject to change! There may be discrepancies between calculated and rating plate values.</i>
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