

SIMOTICS GP - 132 S - IM B5 - 6p

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

Remarks

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	
415	Δ	50	3.00	-/-	6.70	975	29.5	85.6	86.1	84.9	0.73	0.65	0.52	6.6	2.3	3.2	IE3
480	Δ	60	3.45	-/-	6.30	1175	28.0	89.5	89.9	89.0	0.74	0.67	0.54	6.9	2.2	3.3	IE3
480	Δ	60	3.00	4.00	5.70	1180	24.5	89.5	89.5	87.9	0.70	0.62	0.49	7.6	2.6	3.8	MG1
IM B5 / IM 3001			FS 132 S		42 kq		IP55	CC032A		IEC/EN 60034		IEC, EN, UL, CSA, NEMA MG1-12-12			kVA Code: L		

Environmental conditions : -20 °C - +40 °C / 1,000 m

Locked rotor time (hot / cold) : 26.2 s | 32.6 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	63.0 / 75.0 dB(A) ²⁾	67.0 / 79.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0340 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)	Special paint finish C3
Grease nipple	-/-		Color, paint shade	RAL7030
Type of bearing	Preloaded bearing DE		Motor protection	(A) without (Standard)
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
Contact screw thread	M4	Cable gland	2 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.	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			
	1LE1023-1CC03-5FA4-Z						
	F74+S02+Y82			rev.	creation date	language	Page
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3130C

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Special design

F74	Sheet steel fan cowl	Y82	Auxiliary name plate with customer data
S02	Special paint finish C3		

Notes:

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