



**SIMOTICS GP - 132 M - IM B14 - 6p**

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

Remarks
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## Safe Area

## Electrical data

-/-

U	Δ / Y	f	P	P	I	n	M	η <sup>3)</sup>			cosφ <sup>3)</sup>			I <sub>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub>	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I <sub>I</sub> /I <sub>N</sub>	T <sub>I</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>	
DOL duty (S1) - 155(F) to 130(B)																	
400	Δ	50	4.00	-/-	9.10	975	39.0	86.8	87.3	86.2	0.73	0.66	0.55	6.2	2.2	3.0	IE3
690	Y	50	4.00	-/-	5.30	975	39.0	86.8	87.3	86.2	0.73	0.66	0.55	6.2	2.2	3.0	IE3
IM B14 / IM 3601			FS 132 M			IP55	UKCA	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 16.7 s   22.3 s								

## Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	63 / 75 dB(A) <sup>2) 3)</sup>	67 / 79 dB(A) <sup>2) 3)</sup>	Vibration severity grade	A
Moment of inertia	0.0390 kg m²		Thermal class	F
Bearing DE   NDE	6208 2Z C3	6208 2Z C3	Duty type	S1
<b>bearing lifetime</b>			Direction of rotation	bidirectional
L <sub>10mh</sub> F <sub>Rad,min</sub> for coupling operation 50 60Hz <sup>1)</sup>	40000 h	32000 h	Frame material	aluminum
Regreasing device	Without		Net weight of the motor (IM B3)	52 kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Preloaded bearing DE		Color, paint shade	RAL7030
Condensate drainage holes	Without		Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)
External earthing terminal	Without		Method of cooling	IC411 - self ventilated, surface cooled

## Terminal box



Terminal box position	top	Max. cross-sectional area	6 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	11 mm - 21 mm
Type of terminal box	TB1 H00	Cable entry	2xM32x1,5-1xM16x1,5
Contact screw thread	M4	Cable gland	3 plugs

$I_A/I_N$ = locked rotor current / current nominal $M_A/M_N$ = locked rotor torque / torque nominal $M_K/M_N$ = break down torque / nominal torque
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1)  $L_{10mh}$  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 department IN LVM	Technical reference	Created by SPC	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		<a href="#">Link documents</a>	
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