

SIMOTICS GP - 132 M - IM B3 - 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	
DOL duty (S1) - 155(F) to 130(B)																	
230	Δ	50	5.50	-/-	22.00	975	54.0	88.0	88.3	87.2	0.72	0.64	0.51	6.8	2.7	3.4	IE3
400	Y	50	5.50	-/-	12.50	975	54.0	88.0	88.3	87.2	0.72	0.64	0.51	6.8	2.7	3.4	IE3
460	Y	60	6.30	-/-	12.10	1175	51.0	89.5	89.7	88.6	0.73	0.66	0.53	7.1	2.3	3.5	IE2
460	Y	60	5.50	7.50	11.00	1180	44.5	91.0	90.8	89.2	0.69	0.61	0.48	7.8	3.0	4.0	MG1
IM B3 / IM 1001			FS 132 M		CC032A		IP55	UKCA		IEC/EN 60034		IEC, EN, UL, CSA, NEMA MG1-12			kVA Code: L		
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 19.9 s 27 s								

Sound level (SPL / SWL) at 50Hz 60Hz	63 / 75 dB(A) ^{2) 3)}	67 / 79 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.0500 kg m²		Thermal class	F
Bearing DE NDE	6208 2Z C3	6208 2Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad min} for coupling operation 50 60Hz ¹⁾	40000 h	32000 h	Frame material	aluminum
Regreasing device	Without		Net weight of the motor (IM B3)	58 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	(A) without (Standard)
External earthing terminal	Without		Method of cooling	IC411 - self ventilated, surface cooled

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_L/I_N = locked rotor current / current nominal	1) L_{10min} , according to DIN ISO 281 10/2010	3) Value is valid only for DOL operation with motor design IC411
M_L/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. IN LVM	technical reference	created by SPC	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
	document type datasheet	document status released					
	title 1LE1023-1CC32-2AA4-Z						
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3133C

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Special design

F01

Mounting of holding brake

F11

Brake supply voltage, 230 V AC, 50/60 Hz

Additional information:

Brake:

Description:BFK458-16Current:.27 A

Voltage:AC 230 VMoment of inertia:0.001500 kgm²

Notes:

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SIEMENS	document type datasheet	document status released				
	title 1LE1023-1CC32-2AA4-Z	document number				
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