

SIMOTICS GP - 132 M - IM V1 - 4p

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)																	
380	Δ	50	7.50	-/-	15.80	1465	49.0	90.4	90.7	90.4	0.80	0.74	0.63	8.5	3.0	3.8	IE3
660	Y	50	7.50	-/-	9.10	1465	49.0	90.4	90.7	90.4	0.80	0.74	0.63	8.5	3.0	3.8	IE3
440	Δ	60	8.60	-/-	15.60	1765	46.5	89.5	90.0	89.4	0.81	0.76	0.65	8.8	3.0	3.8	IE2
440	Δ	60	7.50	-/-	13.60	1770	40.5	91.7	91.6	90.6	0.79	0.73	0.61	9.8	3.4	4.3	IE3
IM V1 / IM 3011			FS 132 M			IP55	UKCA	IEC/EN 60034		IEC, DIN, ISO, VDE, EN						Grade 3	
Environmental conditions : -20 °C - +40 °C / 1,000 m									Locked rotor time (hot / cold) : 14.8 s 20.1 s								

Sound level (SPL / SWL) at 50Hz 60Hz	64 / 76 dB(A) ^{2) 3)}	68 / 80 dB(A) ^{2) 3)}	External earthing terminal	Without
Moment of inertia	0.0334 kg m²		Vibration severity grade	A
Bearing DE NDE	6208 Z C3	6208 Z C3	Thermal class	F
bearing lifetime			Duty type	S1
L _{10mh} F _{rad min} for coupling operation 50 60Hz ¹⁾	20000 h	16000 h	Direction of rotation	bidirectional
Relubrication interval/quantity DE NDE	10 g 10 g 8000 h		Frame material	aluminum
Lubricants	Unirex N3		Net weight of the motor (IM B3)	61 kg
Regreasing device	With		Coating (paint finish)	Standard paint finish C2
Grease nipple	M8x1 DIN 71412		Color, paint shade	RAL7030
Type of bearing	Preloaded bearing DE		Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)
Condensate drainage holes	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

Notes:

I_L/I_N = locked rotor current / current nominal	1) L10mh 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. DI MC LVM	technical reference	created by DT Configurator	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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	title 1LE1003-1CB23-3GB4-Z B02+D34+L23+Q02			document number			
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Special design

B02	Acceptance test certificate 3.1 acc. to EN 10204	L23	Regreasing system
D34	China Energy Efficiency Label	Q02	Anti-condensation heating for 230 V (2 terminals)

Additional information:

Space heaters

Technical data:	1-phase, 230 V 50W
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