

SIMOTICS GP - 200 L - 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)																	
380	Δ	50	30.00	-/-	62.00	978	295.0	92.9	93.6	93.7	0.79	0.74	0.63	6.5	2.8	2.8	IE3
660	Y	50	30.00	-/-	36.00	978	295.0	92.9	93.6	93.7	0.79	0.74	0.63	6.5	2.8	2.8	IE3
IM B3 / IM 1001			FS 200 L				IP55	UKCA		IEC/EN 60034		IEC, DIN, ISO, VDE, EN					

Environmental conditions : -20 °C - +40 °C / 1000 m

Locked rotor time (hot / cold) : 31.7 s | 52.3 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	61 / 68 dB(A) ^{2) 3)}	63 / 70 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.4150 kg m²		Thermal class	F
Bearing DE NDE	6212 2Z C3	6212 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)	220 kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Locating bearing NDE		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

Terminal box position	top	Max. cross-sectional area	25 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	27 mm - 35 mm
Type of terminal box	TB1 L00	Cable entry	2xM50x1,5
Contact screw thread	M6	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) 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

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 1LE1003-2AC63-3AA4-Z			document number			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3206C

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Special design

D22 Motor without CE character for export outside the EEA (see EU regulation 2019/1781)

Notes:

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