

SIMOTICS GP - 200 L - IM B35 - 2p

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)																	
400	Δ	50	34.04	-/-	60.00	2955	110.0	93.9	94.2	93.9	0.87	0.83	0.76	7.7	2.7	3.5	IE3
690	Y	50	34.04	-/-	35.00	2955	110.0	93.9	94.2	93.9	0.87	0.83	0.76	7.7	2.7	3.5	IE3
460	Δ	60	38.18	-/-	58.00	3555	102.6	93.1	93.2	92.6	0.88	0.85	0.78	7.7	2.7	3.5	IE2
460	Δ	60	37.00	-/-	57.00	3560	99.0	93.0	93.1	92.3	0.88	0.85	0.77	7.6	2.7	3.3	IE3
IM B35 / IM 2001			FS 200 L			IP55	UKCA		IEC/EN 60034		IEC, DIN, ISO, VDE, EN						

Environmental conditions : -20 °C - +50 °C / 1000 m

Locked rotor time (hot / cold) : 27.7 s | 46.8 s

These values are calculated. The final rating plate data will be calculated when the order is placed

The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.

Sound level (SPL / SWL) at 50Hz 60Hz	74 / 81 dB(A) ^{2) 3)}	79 / 86 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.1580 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)	194 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 position	right	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 1LE1003-2AA53-4JA5-Z			document number			
© INNOMOTICS 2023	N06			rev. 951	creation date 2023-12-06	language en	Page 1/2

SIMOTICS GP - 200 L - IM B35 - 2p

Special design

N06	Temperature class 155 (F), utilised to 130 (B), cooling medium temperature 50°C, power reduced
-----	--

Notes:

responsible dep.	technical reference	created by	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
IN LVM		SPC					
	document type			document status			
	datasheet			released			
	title			document number			
	1LE1003-2AA53-4JA5-Z						
© INNOMOTICS 2023	N06			rev.	creation date	language	Page
				951	2023-12-06	en	2/2