

SIMOTICS XP - 200 L - IM V1 - 2p

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

Remarks

II 3G Ex ec IIC T3 Gc

Electrical data

-/-

U	Δ / Y	f	P	P	I	n	M	$\eta^{3)}$			$\cos\varphi^{3)}$			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	37.00	-/-	65.00	2955	120.0	93.7	93.9	93.5	0.88	0.85	0.79	7.1	2.5	3.2	IE3
690	Y	50	37.00	-/-	37.50	2955	120.0	93.7	93.9	93.5	0.88	0.85	0.79	7.1	2.5	3.2	IE3
460	Δ	60	41.50	-/-	63.00	3555	111.0	93.6	93.6	92.9	0.89	0.87	0.80	7.1	2.5	3.2	IE3
460	Δ	60	37.00	-/-	57.00	3560	99.0	93.0	92.8	91.6	0.88	0.84	0.76	7.5	2.8	3.6	IE3
IM V1 / IM 3011			FS 200 L			IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 28.3 s 46.8 s								

Mechanical data

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⁾	20000 h	16000 h	Frame material	cast iron
Regreasing device	Without		Net weight of the motor (IM B3)	250 kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Locating bearing NDE		Color, paint shade	RAL7030
Condensate drainage holes	With (standard)		Motor protection	(A) without (Standard)
External earthing terminal	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top	Max. cross-sectional area	35 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	27 mm - 35 mm
Type of terminal box	TB1 L01	Cable entry	2xM50x1,5
Contact screw thread	M6		

Notes:

I_r/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_r/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			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV3205A

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Special design

H00 Canopy

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