

SIMOTICS SD - 200 L - IM B3 - 2p

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

Remarks

Safe Area

[illegible]

Sound level (SPL / SWL) at 50Hz 60Hz	72 / 85 dB(A) ^{2) 3)}	78 / 91 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.1700 kg m²		Thermal class	F
Bearing DE NDE	NU 212	6212 2Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
$\frac{L_{10\text{mh}}}{50 60\text{Hz}} \cdot F_{\text{Rad min}}$ for coupling operation ¹⁾	40000 h	32000 h	Frame material	cast iron
Regreasing device	Without		Net weight of the motor (IM B3)	245 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	(B) 3 PTC thermistors - for tripping (2 terminals)
External earthing terminal	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box position	left	Max. cross-sectional area	25 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	27 mm - 35 mm
Type of terminal box	TB1 L01	Cable entry	2xM50x1,5-2xM20x1,5
Contact screw thread	M6	Cable gland	4 plugs

Notes:

I_{Lr}/I_{Ln} = 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_r/M_{rn} = locked rotor torque / torque nominal	2) at rated power / at full load	
M_b/M_{bn} = 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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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV3206A

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Special design

L22 Bearing design for increased cantilever forces

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