

SIMOTICS SD - 315 L - IM B3 - 8p

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

Remarks

Safe Area

[illegible]

Sound level (SPL / SWL) at 50Hz 60Hz	74 / 88 dB(A) ^{2) 3)}	72 / 86 dB(A) ^{2) 3)}	External earthing terminal	With (standard)
Moment of inertia	3.9000 kg m²		Vibration severity grade	A
Bearing DE NDE	NU 319	6319 C3	Thermal class	F
bearing lifetime			Duty type	S1
L _{10mh} F _{Rad,min} for coupling operation 50 60Hz ¹⁾	40000 h	32000 h	Direction of rotation	bidirectional
Relubrication interval/quantity DE NDE	40 g 40 g 6000 h		Frame material	cast iron
Lubricants	Unirex N3		Net weight of the motor (IM B3)	980 kg
Regreasing device	With (standard)		Coating (paint finish)	Standard paint finish C2
Grease nipple	M10x1 DIN 3404 A		Color, paint shade	RAL7030
Type of bearing	Locating bearing NDE		Motor protection	(C) 6 PTC thermistors - for alarm and tripping (4 terminals)
Bearing insulation DE / Bearing insulation NDE	Yes (non-drive end)		Method of cooling	IC411 - self ventilated, surface cooled
Condensate drainage holes	With (standard)			

Terminal box position	top	Max. cross-sectional area	240 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	38 mm - 45 mm
Type of terminal box	TB1 Q01	Cable entry	2xM63x1,5-2xM20x1,5
Contact screw thread	M12	Cable gland	4 plugs

Notes:

I_R/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_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. 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 	
	document type datasheet			document status released			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV2315D

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Special design

D47	TR CU product safety certificate EAC for the Eurasian Customs Union	L22	Bearing design for increased cantilever forces
G05	Mounting a rotary pulse encoder HOG 9 D 1024 I	L51	Bearing insulation NDE

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