Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS Motor type : 1CV1204A SIMOTICS SD - 200 L - IM B3 - 2p Offer no. Client order no. Item-No. Order no. Consignment no. Project Remarks **Electrical data** Safe Area П Δ/Υ f Р Р 1 М η 3) cosφ 3) I_A/I_N M_A/M_N M_K/M_N IE-CL n [V] [Hz] [kW] [hp] [A] [1/min] [Nm] T_I/T_N 4/4 3/4 2/4 4/4 I_I/I_N T_B/T_N 3/4 214 IEC/EN 60034 IM B3 / IM 1001 FS 200 L 195 kg IP55 IEC, DIN, ISO, VDE, EN Environmental conditions: -20 °C - +40 °C / 1,000 m Locked rotor time (hot / cold): 12.6 s | 23.8 s Mechanical data Yes (standard) Sound level (SPL / SWL) at 50Hz|60Hz 72.0 / 85.0 dB(A) ²⁾ 77.0 / 90.0 dB(A) ²⁾ External earthing terminal Moment of inertia 0.1240 kg m² Vibration severity grade 155(F) to 130(B) Bearing DE | NDE 6212 Z C3 6212 Z C3 Insulation bearing lifetime Duty type S1 $L_{10mh}\,F_{Rad\ min}$ for coupling operation $50|60Hz^{\,1)}$ 40000 h 32000 h Direction of rotation bidirectional cast iron Lubricants Unirex N3 Frame material No Regreasing device Standard paint finish C2 Coating (paint finish) -/-RAL7030 Grease nipple Color, paint shade Locating bearing NDE (A) without (Standard) Type of bearing Motor protection Yes (standard) Condensate drainage holes Method of cooling IC411 - self ventilated, surface cooled Terminal box 25.0 mm² Terminal box position Max. cross-sectional area top Cable diameter from ... to ... 27.0 mm - 35.0 mm Material of terminal box cast iron Type of terminal box TB1 L01 2xM50x1.5 Cable entry Contact screw thread М6 Cable gland 2 plugs Notes: 1) L10mh according to DIN ISO 281 10/2010 I_A/I_N = locked rotor current / current nominal 3) Value is valid only for DOL operation with motor design IC411 $M_A/M_N = locked rotor torque / torque nominal$ M_K/M_N = break down torque / nominal torque Technical data are subject to change! There may be discrepancies responsible dep. technical reference created by approved by between calculated and rating plate values. DI MC LVM **DT** Configurator document type document status customer datasheet released document number 1LE1502-2AA49-0AA4-Z D22+M1Y creation date rev. language Page

2021-04-22 14:06

© Siemens AG 2021

Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Normal Special design Mily Normal and and visit of the second of th	Motor ty	ype:1CV1204A		SIMOTICS SD - 2	200 L - IM	B3 - 2p				
More regulation (640/2007) **Record of the part outside the EEA (see EU MY Non-standard winding: **Non-standard winding:** **N	Special	desian								
Notes Transport Date - December			racter for export outside th	ie EEA (see EU	M1Y	Non standard	winding:			
responsible dep. DI MC LVM DT Configurator		regulation 640/2009)	, , , , , , , , , , , , , , , , , , , ,	, , , , ,		NOIT-Statidatu	willulig.			
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
responsible dep. DI MC LVM DT Configurator										
DI MC LVM DT Configurator document type datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y DT Configurator DT Configurator document status released document number rev. creation date language Page	Notes:									
DI MC LVM DT Configurator document type datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y DT Configurator DT Configurator document status released document number rev. creation date language Page										
DI MC LVM DT Configurator document type datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y DT Configurator DT Configurator document status released document number rev. creation date language Page			т							
DT Configurator document type datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y DT Configurator document status released document number rev. creation date language Page	responsible	e dep.	technical reference	created by	approve	d by				/ be discrepancie
SIEMENS document type datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y document status released document number rev. creation date language Page	DI MC L	VM		DT Configurator			bet	ween caiculatea and rating plo	ute values.	
SIEMENS datasheet title 1LE1502-2AA49-0AA4-Z D22+M1Y document number rev. creation date language Page			document type				document s	cument status		
title document number 1LE1502-2AA49-0AA4-Z rev. creation date language Page			datasheet			r		released		
1LE1502-2AA49-0AA4-Z rev. creation date language Page	SI	EMENS								
D22+M1Y rev. creation date language Page							document number			
language regu				1-Z						
			D22+M1Y				rev.	creation date	language	Page
	© Sieme	ens AG 2021					01	2021-04-22 14:06	en	1