

SIMOTICS SD - 132 S - IM B3 - 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	
400	Δ	50	7.50	-/-	13.00	2955	24.0	91.7	92.4	92.2	0.91	0.88	0.79	8.6	2.2	4.3	IE4
690	Y	50	7.50	-/-	7.50	2955	24.0	91.7	92.4	92.2	0.91	0.88	0.79	8.6	2.2	4.3	IE4
460	Δ	60	8.60	-/-	13.00	3555	23.0	91.7	92.1	91.5	0.91	0.88	0.80	8.8	2.4	4.3	IE4
460	Δ	60	7.50	-/-	11.40	3560	20.0	91.7	91.7	90.8	0.90	0.86	0.77	10.0	2.8	5.0	IE4
IM B3 / IM 1001			FS 132 S		74 kg		IP55			IEC/EN 60034	IEC, DIN, ISO, VDE, EN						

Locked rotor time (hot / cold) : 13 s | 17.6 s

Sound level (SPL / SWL) at 50Hz 60Hz	68.0 / 80.0 dB(A) ²⁾	72.0 / 84.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0310 kg m ²		Vibration severity grade	A
Bearing DE NDE	6208 Z C3	6208 Z C3	Insulation	155(F) to 130(B)
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	10 g 10 g 8000 h		Frame material	cast iron
Lubricants	Unirex N3		Coating (paint finish)	Standard paint finish C2
Regreasing device	Yes		Color, paint shade	RAL7030
Grease nipple	M8x1 DIN 71412		Motor protection	(A) without (Standard)
Type of bearing	Preloaded bearing DE		Method of cooling	IC411 - self ventilated, surface cooled
Condensate drainage holes	Yes (standard)			

Terminal box position	top	Max. cross-sectional area	6.0 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	11.0 mm - 21.0 mm
Type of terminal box	TB1 H01	Cable entry	2xM32x1,5
Contact screw thread	M4	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) L10mh 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.	technical reference	created by	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.			
DI MC LVM		DT Configurator					
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	datasheet			released			
	title			document number			
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				01	2021-04-21 18:09	en	1/2

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



Motor type : 1CV4131A

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Special design

L23 Regreasing system

Notes:

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