

SIMOTICS SD - 200 L - 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	
DOL duty (S1) - 155(F) to 130(B)																	
400	Δ	50	30.00	-/-	60.00	2960	97.0	90.7	90.9	90.2	0.79	0.74	0.64	7.3	2.5	3.6	IE1
690	Y	50	30.00	-/-	35.00	2960	97.0	90.7	90.9	90.2	0.79	0.74	0.64	7.3	2.5	3.6	IE1
460	Δ	60	33.50	-/-	57.00	3560	90.0	91.5	91.6	90.8	0.81	0.77	0.68	7.6	2.7	3.6	IE1
IM B3 / IM 1001			FS 200 L			IP55		IEC/EN 60034		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								

Sound level (SPL / SWL) at 50Hz 60Hz	72 / 85 dB(A) ²⁾	77 / 90 dB(A) ²⁾	Vibration severity grade	A
Moment of inertia	0.1240 kg m²		Thermal class	F
Bearing DE NDE	6212 Z C3	6212 Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad, min} 50 60Hz ¹⁾ for coupling operation	40000 h	32000 h	Frame material	cast iron
Lubricants	Unirex N3		Net weight of the motor (IM B3)	195 kg
Regreasing device	No		Coating (paint finish)	Standard paint finish C2
Grease nipple	-/-		Color, paint shade	RAL7030
Type of bearing	Locating bearing NDE		Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)
Condensate drainage holes	Yes (standard)		Method of cooling	IC411 - self ventilated, surface cooled
External earthing terminal	Yes (standard)			

Terminal box position	top	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	
SIEMENS	document type datasheet			document status released			
	title 1LE1502-2AA43-4AB4-Z			document number			
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV1204A

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Special design

D22 Motor without CE character for export outside the EEA (see EU regulation 2019/1781)

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