

SIMOTICS XP - 200 L - IM B3 - 2p

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

Remarks

-/-

Electrical data

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	-/-	53.00	2955	97.0	93.3	93.6	93.3	0.87	0.83	0.75	7.0	2.5	3.3	IE3
690	Y	50	30.00	-/-	31.00	2955	97.0	93.3	93.6	93.3	0.87	0.83	0.75	7.0	2.5	3.3	IE3
460	Δ	60	33.50	-/-	52.00	3555	90.0	93.0	93.1	92.6	0.87	0.84	0.77	7.1	2.5	3.3	IE3
460	Δ	60	30.00	-/-	47.00	3560	80.0	92.4	92.2	91.4	0.87	0.83	0.74	7.6	2.9	3.6	IE3
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) : 34.3 s 52.7 s								

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	73 / 80 dB(A) ^{2) 3)}	78 / 86 dB(A) ^{2) 3)}	External earthing terminal	With (standard)
Moment of inertia	0.1340 kg m²		Vibration severity grade	A
Bearing DE NDE	6212 C3	6212 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	15 g 15 g 4000 h		Frame material	cast iron
Lubricants	Unirex N3		Net weight of the motor (IM B3)	225 kg
Regreasing device	With		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	(A) without (Standard)
Condensate drainage holes	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top	Max. cross-sectional area	35 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
Contact screw thread	M6		

Notes:

I_r/I_n = locked rotor current / current nominal	1) L_{10min} 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.	technical reference	created by	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
IN LVM		SPC					
SIEMENS	document type			document status			
	datasheet			released			
	title			document number			
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	L23			rev.	creation date	language	Page
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1CV3204A

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Special design

L23 Regreasing system

Notes:

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