

SIMOTICS XP - 200 L - IM B5 - 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	Y	50	22.00	-/-	39.00	2940	71.0	91.3	91.6	90.8	0.89	0.88	0.83	6.0	2.0	2.6	IE2	
IM B5 / IM 3001			FS 200 L				IP55			IEC/EN 60034								

Environmental conditions : -20 °C - + °C / m

Locked rotor time (hot / cold) : 57.7 s | 89.4 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	74 / 82 dB(A) ^{2) 3)}	/ dB(A) ^{2) 3)}	Thermal class	F
Moment of inertia	0.1500 kg m²		Duty type	S1
Bearing DE NDE	6312 C3	6312 C3	Direction of rotation	bidirectional
bearing lifetime			Frame material	cast iron
L _{10mh} F _{rad min} for coupling operation 50 60Hz ¹⁾	40000 h	32000 h	Net weight of the motor	kg
Regreasing device	Without		Motor weight incl. options	kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Locating bearing DE		Color, paint shade	RAL7030
Condensate drainage holes	Without		Motor protection	(A) without (Standard)
External earthing terminal	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled
Vibration severity grade	A			

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 L21	Cable entry	-/-
Contact screw thread	M6		

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) $L_{10\text{mh}}$ 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.		Link documents	
IN LVM		SPC					
	document type			document status			
	datasheet			released			
	title			document number			
	1MB1556-2AA40-2FA4-Z						
	D22+Y50			rev.	creation date	language	Page
© INNOMOTICS 2023				951	2023-12-14	en	1/2

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



Motor type : 1CD6204A

SIMOTICS XP - 200 L - IM B5 - 2p

Special design

D22	Motor without CE character for export outside the EEA (see EU regulation 2019/1781)	Y50	Temperature class 155(F), utilized acc. to 130(B), customer indication of coolant temperature and/or installation altitude
-----	---	-----	--

Notes:

responsible dep. IN LVM	technical reference	created by SPC	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			
	title 1MB1556-2AA40-2FA4-Z				document number			
© INNOMOTICS 2023	D22+Y50				rev. 951	creation date 2023-12-14	language en	Page 2/2