

SIMOTICS XP - 160 L - IM V3 - 4p

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

Remarks

-/-

Electrical data

[illegible]

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	58 / 66 dB(A) ^{2) 3)}	66 / 74 dB(A) ^{2) 3)}	External earthing terminal	With (standard)
Moment of inertia	0.0890 kg m ²		Vibration severity grade	A
Bearing DE NDE	6309 Z C3	6209 Z C3	Thermal class	F
bearing lifetime			Duty type	S1
L _{10mh} F _{rad,min} for coupling operation 50 60Hz ¹⁾	20000 h	16000 h	Direction of rotation	bidirectional
Relubrication interval/quantity DE NDE	10 g 10 g 8000 h		Frame material	cast iron
Lubricants	Unirex N3		Net weight of the motor (IM B3)	133 kg
Regreasing device	With		Coating (paint finish)	Special paint finish C3
Grease nipple	M8x1 DIN 71412		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	16 mm²
Material of terminal box	cast iron	Cable diameter from ... to ...	19 mm - 28 mm
Type of terminal box	TB1 J01	Cable entry	2xM40x1,5
Contact screw thread	M5		

Notes:

I_L/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_L/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. 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	
SIEMENS	document type datasheet			document status released			
	title 1MB1533-1DB43-4HA4-Z B02+C02+L22+L23+Q01			document number			
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B02	Acceptance test certificate 3.1 acc. to EN 10204	L23	Regreasing system
C02	VIK version	Q01	Measuring nipple for SPM shock pulse measurement to monitor bearings
L22	Bearing design for increased cantilever forces		

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