

SIMOTICS XP - 71 M - IM V18 - 2p

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	52 / 63 dB(A) ^{2) 3)}	57 / 68 dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.0003 kg m²		Thermal class	F
Bearing DE NDE	6202 2Z C3	6202 2Z C3	Duty type	S1
bearing lifetime			Direction of rotation	bidirectional
L _{10mh} F _{Rad,min} for coupling operation 50 60Hz ¹⁾	20000 h	16000 h	Frame material	aluminum
Regreasing device	Without		Net weight of the motor (IM B3)	6 kg
Grease nipple	-/-		Coating (paint finish)	Special paint finish C3
Type of bearing	Preloaded bearing DE		Color, paint shade	RAL7030
Condensate drainage holes	With (standard)		Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)
External earthing terminal	With (standard)		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top	Max. cross-sectional area	4 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	9 mm - 17 mm
Type of terminal box	TB1 B20	Cable entry	1xM25x1,5-1xM16x1,5
Contact screw thread	M4		

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_{10mh} 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					
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV2072A

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Special design

H00	Canopy	N31	Increased air humidity/temperature with 60 to 100 g water per m3 air
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Notes:

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