

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	37.00	-/-	65.00	2955	120.0	93.7	93.9	93.5	0.88	0.85	0.79	7.1	2.5	3.2	IE3
690	Y	50	37.00	-/-	37.50	2955	120.0	93.7	93.9	93.5	0.88	0.85	0.79	7.1	2.5	3.2	IE3
460	Δ	60	37.00	-/-	57.00	3560	99.0	93.0	92.8	91.6	0.88	0.84	0.76	7.5	2.8	3.6	IE3
IM B3 / IM 1001			FS 200 L			IP55		IEC/EN 60034									
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 28.3 s 46.8 s								

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	74 / 82 dB(A) ^{2) 3)}	77 / 84 dB(A) ^{2) 3)}	Thermal class	F
Moment of inertia	0.1780 kg m ²		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	348 kg
Regreasing device	Without		Motor weight incl. options	348 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_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.	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			
© INNOMOTICS 2024	1MB1553-2AA53-4AA4			rev.	creation date	language	Page
				953	2024-02-19	en	1/1