

SIMOTICS XP - 63 M - IM V18 - 2p

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

Remarks

Il 3G Ex ec IlC T3 Gc

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)																	
230	Δ	50	0.25	-/-	1.20	2835	0.8	64.8	63.5	57.3	0.81	0.73	0.58	4.1	1.9	2.5	IE2
400	Y	50	0.25	-/-	0.69	2835	0.8	64.8	63.5	57.3	0.81	0.73	0.58	4.1	1.9	2.5	IE2
460	Y	60	0.29	-/-	0.66	3435	0.8	68.0	66.1	60.7	0.81	0.72	0.59	4.8	2.0	2.7	IE2
460	Y	60	0.25	-/-	0.61	3465	0.7	68.0	65.2	58.0	0.76	0.67	0.54	5.2	2.4	3.1	IE2
IM V18 / IM 3611			FS 63 M			IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							
Environmental conditions : -20 °C - +40 °C / 1000 m									Locked rotor time (hot / cold) : 11 s 15.3 s								

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	/ dB(A) ^{2) 3)}	/ dB(A) ^{2) 3)}	Vibration severity grade	A
Moment of inertia	0.0003 kg m²		Thermal class	F
Bearing DE NDE	6201 2Z C3	6201 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)	kg
Grease nipple	-/-		Coating (paint finish)	Standard paint finish C2
Type of bearing	Preloaded 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

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	-/-
Contact screw thread	M4		

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
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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

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Responsible department IN LVM	Technical reference	Created by SPC	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV2063A

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Special design

B02	Acceptance test certificate 3.1 acc. to EN 10204	P02	Next smaller flange
H00	Canopy		

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