

SIMOTICS GP - 71 M - IM B14 - 4p

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

Safe Area

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	
400	Δ	50	0.25	-/-	0.80	1365	1.8	61.5	61.4	56.1	0.73	0.63	0.49	3.0	1.8	2.0	IE1
690	Y	50	0.25	-/-	0.47	1365	1.8	61.5	61.4	56.1	0.73	0.63	0.49	3.0	1.8	2.0	IE1
460	Δ	60	0.28	-/-	0.75	1665	1.7	68.0	67.8	62.6	0.71	0.61	0.48	3.4	1.8	2.0	IE1
IM B14 / IM 3601			FS 71 M		kg		IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Locked rotor time (hot / cold) : 26.4 s | 44 s

Sound level (SPL / SWL) at 50Hz 60Hz	49.0 / 60.0 dB(A) ²⁾	51.0 / 62.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0005 kg m ²		Vibration severity grade	A
Bearing DE NDE	6202 2Z C3	6202 2Z C3	Insulation	155(F) to 130(B)
bearing lifetime			Duty type	S1
L _{10mh} F _{Rad, min} 50 60Hz ¹⁾ for coupling operation	40000 h	32000 h	Direction of rotation	bidirectional
Lubricants	Unirex N3		Frame material	aluminum
Regreasing device	No		Coating (paint finish)	Standard paint finish C2
Grease nipple	-/-		Color, paint shade	RAL7030
Type of bearing	Preloaded bearing DE		Motor protection	(A) without (Standard)
Condensate drainage holes	-/-		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box position	top	Max. cross-sectional area	1.5 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	9.0 mm - 17.0 mm
Type of terminal box	TB1 B00	Cable entry	1xM25x1,5
Contact screw thread	M4	Cable gland	1 plug

I_{Lr}/I_{N_r} = locked rotor current / current nominal M_{Lr}/M_{N_r} = locked rotor torque / torque nominal M_b/M_{N_r} = break down torque / nominal torque	1) L10mh 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 dep. DI MC LVM	technical reference	created by DT Configurator	approved by	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.			
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