

SIMOTICS GP - 112 M - IM B35 - 6p

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

Remarks

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	
230	Δ	50	2.20	-/-	8.70	970	21.5	84.3	85.0	83.9	0.75	0.68	0.55	5.6	2.2	2.8	IE3
400	Y	50	2.20	-/-	5.00	970	21.5	84.3	85.0	83.9	0.75	0.68	0.55	5.6	2.2	2.8	IE3
460	Y	60	2.54	-/-	4.90	1170	21.0	87.5	88.1	87.1	0.75	0.68	0.56	5.9	2.2	2.8	IE2
460	Y	60	2.20	-/-	4.40	1175	17.9	87.5	87.4	85.6	0.72	0.64	0.52	6.5	2.5	3.3	IE2
IM B35 / IM 2001			FS 112 M		34 kg		IP55			IEC/EN 60034		IEC, DIN, ISO, VDE, EN					

Locked rotor time (hot / cold) : 26.8 s | 34.8 s

Mechanical data

Sound level (SPL / SWL) at 50Hz 60Hz	65.0 / 74.0 dB(A) ²⁾	65.0 / 77.0 dB(A) ²⁾	External earthing terminal	No
Moment of inertia	0.0170 kg m ²		Vibration severity grade	A
Bearing DE NDE	6206 2Z C3	6206 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	No		Method of cooling	IC411 - self ventilated, surface cooled

Terminal box

Terminal box position	top	Max. cross-sectional area	4.0 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	11.0 mm - 21.0 mm
Type of terminal box	TB1 F00	Cable entry	2xM32x1,5
Contact screw thread	M4	Cable gland	2 plugs

Notes:

3) Value is valid only for DOL operation with motor design IC411

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