

INNOMOTICS GP - 100L - IM B3 - 4p

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

Remarks

Safe Area

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	
440	Δ	60	3.00	4.00	5.20	1760	16.3	89.5	90.8	89.7	0.84	0.80	0.70	8.9	2.8	4.2	IR3
220	ΔΔ	60	3.00	4.00	10.50	1760	16.3	89.5	90.8	89.7	0.84	0.80	0.70	8.9	2.8	4.2	IR3
380	YY	60	3.00	4.00	6.10	1760	16.3	89.5	90.8	89.7	0.84	0.80	0.70	8.9	2.8	4.2	IR3
IM B3 / IM1001			FS 100L		30 kg		IP55		IEC/EN 60034			NBR-17094-1					

Environmental conditions : -20 °C - +40 °C / 1.000 m

Mechanical data

Sound level (SPL / SWL) at 60 Hz	65 / 74 2) 3)		Vibration severity grade	Vibration severity grade A (standard)
Moment of inertia	0.0140 kg m ²		Insulation	155°C (F) utilized 130°C (B)
Bearing DE NDE	6206 2Z C3	6206 2Z C3	Duty type	S1
L _{10mh} F _{Rad min} for coupling operation 50 60Hz 1)	40000 h	32000 h	Direction of rotation	Bidirectional
Relubrication interval/quantity DE NDE	0 g	0 g	Frame material	aluminum
Regreasing device	Without		Data of anti condensation heating	0 V, 0 W
Grease nipple	without		Coating (paint finish)	Standard paint finish C2
Type of bearing	Floating bearing (Standard)		Color, paint shade	RAL7030
Condensate drainage holes	without		Motor protection	(A) Without (standard)
External earthing terminal	No		Method of cooling	IC411

Terminal box

Terminal box position	(4) Terminal box top	Max. cross-sectional area	0 mm²
Material of terminal box	Aluminium	Cable diameter from ... to ...	0 mm - 0 mm
Type of terminal box	TB1 F00	Cable entry	12 cables protruding, 200 mm long
Contact screw thread	-/-	Cable gland	-/- -/-

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

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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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