



**INNOMOTICS GP - 100 L - IM B5 - 4p**

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

## Safe Area

-/-

[illegible]

|                                                                                        |                                |                                |                                 |                                         |
|----------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------------------------------|
| Sound level (SPL / SWL) at 50Hz 60Hz                                                   | 67 / 75 dB(A) <sup>2) 3)</sup> | 70 / 78 dB(A) <sup>2) 3)</sup> | Vibration severity grade        | A                                       |
| Moment of inertia                                                                      | 0.0101 kg m²                   |                                | Thermal class                   | F                                       |
| Bearing DE   NDE                                                                       | 6206 2Z C3                     | 6206 2Z C3                     | Duty type                       | S1                                      |
| <b>bearing lifetime</b>                                                                |                                |                                | Direction of rotation           | bidirectional                           |
| L <sub>10mh</sub> F <sub>Rad min</sub> for coupling operation<br>50 60Hz <sup>1)</sup> | 40000 h                        | 32000 h                        | Frame material                  | aluminum                                |
| Regreasing device                                                                      | Without                        |                                | Net weight of the motor (IM B3) | 25 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                                                             | Without                        |                                | Method of cooling               | IC411 - self ventilated, surface cooled |

|                          |           |                                |                   |
|--------------------------|-----------|--------------------------------|-------------------|
| Terminal box position    | top       | Max. cross-sectional area      | 4 mm <sup>2</sup> |
| Material of terminal box | Aluminium | Cable diameter from ... to ... | 11 mm - 21 mm     |
| Type of terminal box     | TB1 F00   | Cable entry                    | 2xM32x1,5         |
| Contact screw thread     | M4        | Cable gland                    | 2 plugs           |

|                                                    |                                                |                                                                  |
|----------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|
| $I_R/I_N$ = locked rotor current / current nominal | 1) $L_{10th}$ according to DIN ISO 281 10/2010 | 3) Value is valid only for DOL operation with motor design IC411 |
| $M_R/M_N$ = locked rotor torque / torque nominal   | 2) at rated power / at full load               |                                                                  |
| $M_R/M_{br}$ = break down torque / nominal torque  |                                                |                                                                  |

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|------------------------------------------------------------------------------------|----------------------------------------|-------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------|
| Responsible department<br>IN LVM                                                   | Technical reference                    | Created by<br>SPC | Approved by<br>Created automatically | Technical data are subject to change! There may be discrepancies between calculated and rating plate values. |                             | <a href="#">Link documents</a><br> |             |
|  | Document type<br>Technical data sheet  |                   |                                      | Document status<br>Released                                                                                  |                             |                                    |             |
|                                                                                    | Document title<br>1LE1003-1AB42-2FA4-Z |                   |                                      | Document number<br>TDS-241025-135011                                                                         |                             |                                                                                                                         |             |
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Data sheet for three-phase Squirrel-Cage-Motors INNOMOTICS



Motor type : 1AV3104B

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Special design

B02 Acceptance test certificate 3.1 acc. to EN 10204

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