



**SIMOTICS GP - 132 M - IM B5 - 6p**

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

Remarks

## Safe Area

| U   | $\Delta / Y$ | f    | P    | P    | I   | n       | M    | $\eta^{3)}$ |     |     | $\cos\varphi^{3)}$ |     |     | $I_A/I_N$ | $M_A/M_N$ | $M_K/M_N$ | 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)**

|                 |          |      |      |              |                        |
|-----------------|----------|------|------|--------------|------------------------|
| IM B5 / IM 3001 | FS 132 M | IP55 | UKCA | IEC/EN 60034 | IEC, DIN, ISO, VDE, EN |
|-----------------|----------|------|------|--------------|------------------------|

Locked rotor time (hot / cold) : 16.7 s | 22.5 s

## Mechanical data

|                                                                                     |                                |                                |                                 |                                         |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------|-----------------------------------------|
| Sound level (SPL / SWL) at 50Hz 60Hz                                                | 63 / 75 dB(A) <sup>2) 3)</sup> | 67 / 79 dB(A) <sup>2) 3)</sup> | Vibration severity grade        | A                                       |
| Moment of inertia                                                                   | 0.0500 kg m²                   |                                | Thermal class                   | F                                       |
| Bearing DE   NDE                                                                    | 6208 2Z C3                     | 6208 2Z C3                     | Duty type                       | S1                                      |
| bearing lifetime                                                                    |                                |                                | Direction of rotation           | bidirectional                           |
| L <sub>10mh</sub> F <sub>Rad min</sub> for coupling operation 50 60Hz <sup>1)</sup> | 40000 h                        | 32000 h                        | Frame material                  | aluminum                                |
| Lubricants                                                                          | Unirex N3                      |                                | Net weight of the motor (IM B3) | 58 kg                                   |
| 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 |
| External earthing terminal                                                          | No                             |                                |                                 |                                         |

## Terminal box

|                          |           |                                |               |
|--------------------------|-----------|--------------------------------|---------------|
| Terminal box position    | top       | Max. cross-sectional area      | 6 mm²         |
| Material of terminal box | Aluminium | Cable diameter from ... to ... | 11 mm - 21 mm |
| Type of terminal box     | TB1 H00   | Cable entry                    | 2xM32x1,5     |
| Contact screw thread     | M4        | Cable gland                    | 2 plugs       |

Notes:

$I_A/I_N$  = locked rotor current / current nominal  
 $M_A/M_N$  = locked rotor torque / torque nominal  
 $M_K/M_N$  = break down torque / nominal torque

1) 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

|                                                                                    |                     |                 |             |                                                                                                              |               |                                                                                       |      |
|------------------------------------------------------------------------------------|---------------------|-----------------|-------------|--------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|------|
| responsible dep.                                                                   | technical reference | created by      | approved by | Technical data are subject to change! There may be discrepancies between calculated and rating plate values. |               | <a href="#">Link documents</a>                                                        |      |
| DI MC LVM                                                                          |                     | DT Configurator |             |                                                                                                              |               |  |      |
|  | document type       |                 |             | document status                                                                                              |               |  |      |
|                                                                                    | datasheet           |                 |             | released                                                                                                     |               |                                                                                       |      |
|                                                                                    | title               |                 |             | document number                                                                                              |               |                                                                                       |      |
|                                                                                    | 1LE1003-1CC39-0FA4  |                 |             |                                                                                                              |               |                                                                                       |      |
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|                                                                                    |                     |                 |             | rev.                                                                                                         | creation date | language                                                                              | Page |
|                                                                                    |                     |                 |             | 929                                                                                                          | 2022-11-09    | en                                                                                    | 1/2  |

Data sheet for three-phase Squirrel-Cage-Motors SIMOTICS



Motor type : 1AV3133C

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Special design

M1Y Non-standard winding:

Notes:

|                               |                             |                               |             |                                                                                                              |                             |                                |                                                                                       |                |
|-------------------------------|-----------------------------|-------------------------------|-------------|--------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------|---------------------------------------------------------------------------------------|----------------|
| responsible dep.<br>DI MC LVM | technical reference         | created by<br>DT Configurator | approved by | Technical data are subject to change! There may be discrepancies between calculated and rating plate values. |                             | <a href="#">Link documents</a> |                                                                                       |                |
| SIEMENS                       | document type<br>datasheet  |                               |             |                                                                                                              | document status<br>released |                                |  |                |
|                               | title<br>1LE1003-1CC39-0FA4 |                               |             |                                                                                                              | document number             |                                |                                                                                       |                |
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