# INNOMOTICS

## Data sheet for INNOMOTICS GP 1LE0143 Low-Voltage Motor

**MLFB-Ordering data:** 1LE0143-1AA86-4AA4



**Motor type:**
Client order no.:
Order no.:
Offer no.:
Remarks:

| U [V] | Δ / Y | f [Hz] | P [kW] | P [hp] | I [A] | n [1/min] | M [Nm] | NOM. EFF at ... load [%] 4/4 | 3/4 | 2/4 | Power factor at ... load 4/4 | 3/4 | 2/4 | $I_A/I_N$ $I_I/I_N$ | $M_A/M_N$ $T_I/T_N$ | $M_K/M_N$ $T_B/T_N$ | IE-CL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | DD | 60 | - / - | 5.00 | 12.60 | 3455 | 10.2 | 88.5 | 89.2 | - / - | 0.88 | - / - | - / - | 10.0 | 4.5 | 5.0 | IE3 |
| 380 | YY | 60 | - / - | 5.00 | 7.30 | 3455 | 10.2 | 88.5 | 89.2 | - / - | 0.88 | - / - | - / - | 10.0 | 4.5 | 5.0 | IE3 |
| 440 | D | 60 | - / - | 5.00 | 6.30 | 3455 | 10.2 | 88.5 | 89.2 | - / - | 0.88 | - / - | - / - | 10.0 | 4.5 | 5.0 | IE3 |
| | | | | | | | | | | | | | | | | | |
| IM B3 | | | FS 100L | | 45 kg | IP55 | | IEC/EN 60034 | | | IEC, DIN, ISO, VDE, EN | | | | | | |

### *Mechanical data*

| | | |
|---|---|---|
| Sound pressure level 50Hz/60Hz | - / - | 55 dB(A) |
| Moment of inertia | 0.0057 kgm² | |
| Bearing DE \| NDE | 6206 2Z C3 6206 2Z C3 | |
| Bearing lifetime | - / - | |
| Lubricants | - / - | |
| Regreasing device | No | |
| Grease nipple | - / - | |
| Type of bearing | floating bearing DE and NDE | |
| Condensate drainage holes | No | |
| External earthing terminal | No | |
| Vibration class | A | |
| Insulation | 155(F) | |
| Duty type | S1 | |
| Direction of rotation | bidirectional | |
| Frame material | cast iron | |
| Data of anti condensation heating | -/- | |
| Coating | Yes | |
| Color | RAL7030 | |
| Motor protection | - / - | |
| Method of cooling | IC411 - self ventilated, surface cooled | |

### *Environmental conditions*

| | |
|---|---|
| Ambient temperature | -20 °C ~ +40 °C |
| Altitude above sea level | 1000 m |

### *Terminal box*

| | |
|---|---|
| Terminal box position | top |
| Material of terminal box | cast iron |
| Type of terminal box | - / - |
| Plug size | M32x1.5/M32x1.5 |
| Cable diameter | 18~25 |
| Max. auxiliary terminals | - / - |
| Auxiliary cable entry | - / - |
| Main terminal thread | 6xM4 |

### *Special design*

Unrestricted



Unrestricted