| <u>Data</u> | shee | t for t | hree-ph | ase Squi | rrel-Ca | ge-Moto | rs SIMO | <u>TICS</u> | | | | | | | | C | | | |
|-------------------------------|----------------------|---|-------------|----------------------------|---|--|-------------------|---------------------------|--|--|---|---|----------------|--------------------------------|--------------------------------|--------------------------------|---------|--|--|
| Motor Client ord | | 1AV31 | 30B | | l _i | tem-No. | MOTICS G | P - 132 S | - IM V15 | i - 4p | Offe | r no. | | | | | | | |
| CHETT OIL | Jei 110. | | | | | tem No. | | | | | One | Offer no. | | | | | | | |
| Order no | | | | | ľ | Consignment n | 10. | | | | Proje | ect | | | | | | | |
| Remarks | | | | | L | | | | | | | | | | | | | | |
| Electrical data | | | | | | | | | | -/- | Safe Area -/- | | | | | | | | |
| U Δ/Y f P P I | | | ı | 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 | | | |
| | | | | | | DC | L duty (S1 |) - 155(F |) to 130 | (B) | | | | | | | | | |
| 400 | Δ | 50 | 5.50 | -/- | 10.80 | 1470 | 35.5 | 89.6 | 90.0 | 89.4 | 0.82 | 0.77 | 0.67 | 8.5 | 2.9 | 3.7 | IE3 | | |
| 690 | Υ | 50 | 5.50 | -/- | 6.30 | 1470 | 35.5 | 89.6 | 90.0 | 89.4 | 0.82 | 0.77 | 0.67 | 8.5 | 2.9 | 3.7 | IE3 | | |
| 460 | Δ | 60 | 6.30 | -/- | 10.40 | 1770 | 34.0 | 91.7 | 92.0 | 91.3 | 0.83 | 0.79 | 0.69 | 8.7 | 2.7 | 3.7 | IE3 | | |
| 460 | Δ | 60 | 5.50 | -/- | 9.30 | 1775 | 29.5 | 91.7 | 91.6 | 90.5 | 0.81 | 0.76 | 0.65 | 10.0 | 3.1 | 4.2 | IE3 | | |
| IM V15 / | | | FS 132 : | | | IP55 | UKCA | IEC/EN 60034 IEC, DIN, IS | | | | | ISO, VDE, EN | | | | | | |
| | | Enviror | nmental co | nditions : | -20 °C - + | 40 °C / 10 | 00 m | | | Lo | cked rote | or time | (hot / col | d) : 22.8 | 3 s 29. | 1 s | | | |
| Mecha | nical d | lata | | | | | | | | | | | | | | | | | |
| Sound | level (SI | PL / SWL) | at 50Hz 60 | Hz 64 / | 76 dB(A) ² |) $^{2)3)}$ 68 / 80 dB(A) $^{2)3)}$ Vibration severity grade | | | | le | A | | | | | | | | |
| Mome | nt of ine | ertia | | | 0 | 0.0340 kg m² Thermal class | | | | | | | | | F | | | | |
| Bearin | g DE N | DE | | 6 | 208 2Z C3 | 62 | Duty | Duty type | | | | | S1 | | | | | | |
| | ıg lifetir | | | | | Direction of rotation | | | | otation | on bio | | | | | directional | | | |
| L _{10mh} F 50I60H | Rad min fo | r couplin | g operation | | 20000 h | 16000 h Frame material | | | | | aluminum | | | | | | | | |
| Regreasing device | | | | | Without Net weight of the motor (| | | | | or (IM B3 | (IM B3) 54 kg | | | | | | | | |
| Grease nipple | | | | | -/- Coating (paint finish) | | | | | Standard paint finish C2 | | | | | | | | | |
| Туре о | f bearin | g | | | Prelo | oaded bearing DE Color, paint shade | | | | | RAL7030 | | | | | | | | |
| Conde | nsate dr | ainage h | oles | | | Without Motor protection | | | | (A) without (Standard) | | | | | | | | | |
| Extern | al earthi | ing termi | inal | | | Without Method of cooling | | | | | IC411 - self ventilated, surface cooled | | | | | | | | |
| Termir | nal box | (| | | | | | | | | | | | | | | | | |
| Termir | nal box p | osition | | | | top | | Max | . cross-se | ctional a | rea | | | | 6 mm² | | | | |
| Material of terminal box | | | | | , | Aluminium Cable diameter from . | | | | | to | ım - 21 mm | | | | | | | |
| Type of terminal box | | | | | | TB1 H00 Cable entry | | | | | | 2xM32x | | | | | 2x1,5 | | |
| J. | Contact screw thread | | | | | M4 Cable gland | | | | | | | | | | plugs | | | |
| | | | | | | | | | | | | | | | | | | | |
| $M_A/M_N = 10$ | cked rotor | irrent / curre torque / toro torque / non | que nominal | | L _{10mh} according at rated power | g to DIN ISO 281 1 r / at full load | 10/2010 | | | 3) V | alue is valid | only for DOI | operation wit | th motor des | ign IC411 | | | | |
| | | | | or editing of this | | ell as utilization o | | | | | | | are prohibited | . Offenders v | vill be held li | iable for pay | ment of | | |
| | | | | | damages. All | rights created by | patent grant or r | egistration of a | utility mode | or design p | atent are rese | erved. | | | | | | | |
| | ible depar | rtment | | Technical refe | erence | disc | | | | Technical data are subject to change! There may be discrepancies between calculated and rating plate | | | | Link documents | | | | | |
| IN LVM | | | | | | SPC | | Created a | utomatio | ally val | ues. | | | | 岩 | 128 | | | |
| C | | | | Document type Technical | | t | | | | | Docu | ment statu ased | ıs | | 多 | | | | |

| SPC Created automatically discrep- | | | | cies between d | calculated and rating plate | 里然後進 | | |
|------------------------------------|--|--|--|---|--|--|--|--|
| Document type | | | | | tatus | | | |
| Technical data sheet | | | | | | | | |
| Document title | | | | | ıumber | | | |
| 1LE1003-1CB03-4WA4-Z | | | | | TDS-240507-151901 | | EINWAS SERVICES | |
| tricted B02+D47 | | | | | | Language | Page | |
| © Innomotics 2024 | | | | | | en | 1/2 | |
| | Document type Technical data sheet Document title 1LE1003-1CB03-4W | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z B02+D47 Created automatically discrepancy values. | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z B02+D47 Created automatically discrepancies between or values. Document si Released TDocument in TDS-2405 Revision | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z B02+D47 Created automatically Created automatically Created automatically discrepancies between calculated and rating plate values. Document status Released Document number TDS-240507-151901 Revision Creation date | Document type Technical data sheet Document title 1LE1003-1CB03-4WA4-Z B02+D47 Technical data was described automatically Created automatically discrepancies between calculated and rating plate values. Document status Released TDS-240507-151901 Revision Creation date Language | |

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



| Motor typ | e:1AV3130B | | SIMOTICS GF | 7 - 132 S - IM V15 - | 4р | | | | | |
|---------------|---------------------------------|-------------------------------------|---------------------------------------|--------------------------------|----------------|-----------------|--|---------------------|----------------|--|
| Special de | esign | | | | | | | | | |
| B02 | Acceptance test certif | ficate 3.1 acc. to EN 1020 | 14 | D47 TR C | U product | safety cert | ificate EAC for the Eura | ısian Custon | ns Union | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Transmittal, | reproduction, dissemination and | d/or editing of this document as we | Il as utilization of its contents and | communication thereof to other | ers without ex | press authoriza | tion are prohibited. Offenders w | vill be held liable | for payment of | |
| | | | ights created by patent grant or re | | | | | | | |
| Danie (11) | | Tankadas of o | Control | A | Took-: | l data are -::' | act to change! The | Little 1 | | |
| Responsible o | gepartment | Technical reference | Created by | Approved by | discrepar | | ect to change! There may be calculated and rating plate | Link documents | | |
| IN LVM | | | SPC | Created automaticall | y values. | | | 製料 | | |
| | | Document type | | | | Document s | status | | | |
| SIF | MENS | Technical data sheet | <u> </u> | | | Released | | | | |
| JIL | | Document title | | | | Document i | | | | |
| | | 1LE1003-1CB03-4W | A4-Z | | | | 507-151901 | | CAST SE | |
| Restricted | | B02+D47 | | | | Revision | Creation date | Language | Page | |
| © Innomo | otics 2024 | | | | | AA | 2024-05-07 | en | 2/2 | |