

| Elektrische Daten Netzbetrieb |     |      |       |      |         |         |                        |       |       | electrical data DOL    |       |       |       |       |       |        |
|-------------------------------|-----|------|-------|------|---------|---------|------------------------|-------|-------|------------------------|-------|-------|-------|-------|-------|--------|
| U                             | D/Y | f    | P     | I    | n       | M       | Nom. Eff [%] @... load |       |       | cos phi @... load      |       |       | Ia/In | Ma/Mn | Mk/Mn | IE Cl. |
| [V]                           | [-] | [Hz] | [kW]  | [hp] | [A]     | [1/min] | [4/4]                  | [3/4] | [2/4] | [4/4]                  | [3/4] | [2/4] | [-]   | [-]   | [-]   | [-]    |
| 400                           | D   | 50   | 2,2   | 4,52 | 1455    | 14,4    | 86,7                   | 87,4  | 85,9  | 0,81                   |       |       | 7,6   | 2,3   | 2,3   | IE3    |
| 690                           | Y   | 50   | 2,2   | 2,62 | 1455    | 14,4    | 86,7                   | 87,4  | 85,9  | 0,81                   |       |       | 7,6   | 2,3   | 2,3   | IE3    |
| 460                           | D   | 60   | 2,55  | 4,41 | 1746    | 13,9    | 89,5                   |       |       | 0,81                   |       |       |       |       |       | IE3    |
| B14a                          |     |      | 100 L |      | 27,5 kg |         | IP55                   |       |       | IEC, DIN, ISO, VDE, EN |       |       |       |       |       |        |

| Umgebungsbedingungen     |  |      |     |    | environmental conditions |  |  |  |  |
|--------------------------|--|------|-----|----|--------------------------|--|--|--|--|
| Umgebungstemperatur      |  | -20  | bis | 40 | °C                       |  |  |  |  |
| ambient temperature      |  |      | to  |    |                          |  |  |  |  |
| Höhe über Meeresspiegel  |  | 1000 |     |    | m                        |  |  |  |  |
| altitude above sea level |  |      |     |    |                          |  |  |  |  |

| Mechanische Daten                                        |                              | mechanical data                               |       |
|----------------------------------------------------------|------------------------------|-----------------------------------------------|-------|
| Gehäusematerial<br><i>frame material</i>                 | Aluminium<br><i>aluminum</i> |                                               |       |
| Kondenswasserlöcher<br><i>drain holes</i>                | nein<br><i>no</i>            |                                               |       |
| Trägheitsmoment<br><i>moment on inertia</i>              | 0,00837425                   |                                               | kgm²  |
| Äussere Erdungsklemme<br><i>outer earthing connector</i> | nein<br><i>no</i>            |                                               |       |
| Anstrich<br><i>paint work</i>                            | RAL7030                      | Standardanstrich<br><i>standard paintwork</i> |       |
| Wellenende Abmessungen<br><i>shaft dimension</i>         | Ø 28                         | x                                             | 60 mm |

| Anschlusskasten                 |  |               |  | terminal box |  |  |  |
|---------------------------------|--|---------------|--|--------------|--|--|--|
| Anschlusskastenmaterial         |  | Aluminium     |  | aluminum     |  |  |  |
| terminal box material           |  |               |  |              |  |  |  |
| Anschlusskasten Lage            |  | oben          |  | top          |  |  |  |
| terminal box position           |  |               |  |              |  |  |  |
| Gewindebolzen                   |  |               |  |              |  |  |  |
| terminal bolt thread            |  |               |  |              |  |  |  |
| max. Leiterquerschnitt          |  |               |  | mm²          |  |  |  |
| max. cable cross-sectional area |  |               |  |              |  |  |  |
| Gewinde für Kabelverschr.       |  | 2 x M25 x 1,5 |  |              |  |  |  |
| thread for cable gland          |  |               |  |              |  |  |  |
| Betriebskondensator             |  |               |  | µF           |  |  |  |
| operating capacitor             |  |               |  |              |  |  |  |
| Anlaufkondensator               |  |               |  | µF           |  |  |  |
| starting capacitor              |  |               |  |              |  |  |  |

| Hinweise                                                         | Hints |
|------------------------------------------------------------------|-------|
| - PTC sofern im Auftrag spezifiziert / PTC if specified in order |       |

| Motorschutz        |                            | protection |  |
|--------------------|----------------------------|------------|--|
| Zündschutzart      | -                          |            |  |
| type of protection |                            |            |  |
| Motorschutz        | ohne Motorschutz           |            |  |
| protection         | without winding protection |            |  |

| Allgemeine Daten                 |  |               |    | general data |  |    |  |
|----------------------------------|--|---------------|----|--------------|--|----|--|
| Schalldruckpegel 50/60 Hz (LpFA) |  | 64            | dB |              |  | dB |  |
| noise 50/60 Hz (LpFA)            |  |               |    |              |  |    |  |
| Kühlart                          |  | IC411         |    |              |  |    |  |
| method of cooling                |  | TEFC          |    |              |  |    |  |
| Vibrationsklasse                 |  | A             |    |              |  |    |  |
| vibration class                  |  |               |    |              |  |    |  |
| Wuchtung                         |  | Halbkeil      |    |              |  |    |  |
| balancing                        |  | half key      |    |              |  |    |  |
| Isolation                        |  | 155(F)        |    |              |  |    |  |
| insulation                       |  |               |    |              |  |    |  |
| Betriebsart                      |  | S1            |    |              |  |    |  |
| duty type                        |  |               |    |              |  |    |  |
| Drehrichtung                     |  | bidirektional |    |              |  |    |  |
| direction of rotation            |  | bidirectional |    |              |  |    |  |

| Lagerung           |  |                     |      | bearing    |      |
|--------------------|--|---------------------|------|------------|------|
| Art der Lagerung   |  | Festlager B-Seite   |      |            |      |
| locating bearing   |  | located bearing NDE |      |            |      |
| Lager A-/ B-Seite  |  | 6206 2Z C3          |      | 6206 2Z C3 |      |
| bearing DE / NDE   |  |                     |      |            |      |
| Nachschmierung     |  | Nein                |      | Nein       |      |
| regreasing         |  | no                  |      | no         |      |
| Intervall          |  | -                   | Std. | -          | Std. |
| intervall          |  |                     | h    |            | h    |
| Fettmenge          |  | -                   | g    | -          | g    |
| quantity of grease |  |                     |      |            |      |
| Fettsorte          |  | -                   |      |            |      |
| grease type        |  |                     |      |            |      |