

| 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] | [-]   | [-]   | [-]   | [-]    |
| 230                           | D   | 50   | 4     | 13,8 | 1460 | 26,2    | 88,6                   | 89,4  | 87,9  | 0,82                |                        |       | 7,8   | 2,2   | 2,3   | IE3    |
| 400                           | Y   | 50   | 4     | 7,95 | 1460 | 26,2    | 88,6                   | 89,4  | 87,9  | 0,82                |                        |       | 7,8   | 2,2   | 2,3   | IE3    |
| 460                           | Y   | 60   | 4,6   | 7,68 | 1752 | 25,1    | 91,7                   |       |       | 0,82                |                        |       |       |       |       | IE3    |
| B35                           |     |      | 112 M |      |      | 39 kg   |                        | IP55  |       |                     | IEC, DIN, ISO, VDE, EN |       |       |       |       |        |

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

| 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>              | 0,01392125                   |                                               | kgm <sup>2</sup> |
| 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     |              |
| terminal box material           | aluminum      |              |
| Anschlusskasten Lage            | oben          |              |
| terminal box position           | top           |              |
| Gewindebolzen                   |               |              |
| terminal bolt thread            |               |              |
| max. Leiterquerschnitt          |               | mm²          |
| max. cable cross-sectional area |               |              |
| Gewinde für Kabelverschr.       | 2 x M32 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             | -                                 |            |  |
| <i>type of protection</i> |                                   |            |  |
| Motorschutz               | ohne Motorschutz                  |            |  |
| <i>protection</i>         | <i>without winding protection</i> |            |  |

| Allgemeine Daten                 |                      |    | general data |  |
|----------------------------------|----------------------|----|--------------|--|
| Schalldruckpegel 50/60 Hz (LpfA) | 65                   | dB | dB           |  |
| <i>noise 50/60 Hz (LpfA)</i>     |                      |    |              |  |
| Kühlart                          | IC411                |    |              |  |
| <i>method of cooling</i>         | TEFC                 |    |              |  |
| Vibrationsklasse                 | A                    |    |              |  |
| <i>vibration class</i>           |                      |    |              |  |
| Wuchtung                         | Halbkeil             |    |              |  |
| <i>balancing</i>                 | <i>half key</i>      |    |              |  |
| Isolation                        | 155(F)               |    |              |  |
| <i>insulation</i>                |                      |    |              |  |
| Betriebsart                      | S1                   |    |              |  |
| <i>duty type</i>                 |                      |    |              |  |
| Drehrichtung                     | bidirektional        |    |              |  |
| <i>direction of rotation</i>     | <i>bidirectional</i> |    |              |  |

| Lagerung                  |                            | bearing  |            |  |          |
|---------------------------|----------------------------|----------|------------|--|----------|
| Art der Lagerung          | Festlager B-Seite          |          |            |  |          |
| <i>locating bearing</i>   | <i>located bearing NDE</i> |          |            |  |          |
| Lager A-/ B-Seite         | 6306 2Z C3                 |          | 6306 2Z C3 |  |          |
| <i>bearing DE / NDE</i>   |                            |          |            |  |          |
| Nachschmierung            | Nein                       |          | Nein       |  |          |
| <i>regreasing</i>         | <i>no</i>                  |          | <i>no</i>  |  |          |
| Intervall                 | -                          | Std.     | -          |  | Std.     |
| <i>intervall</i>          |                            | <i>h</i> |            |  | <i>h</i> |
| Fettmenge                 | -                          | g        | -          |  | g        |
| <i>quantity of grease</i> |                            |          |            |  |          |
| Fettsorte                 | -                          |          |            |  |          |
| <i>grease type</i>        |                            |          |            |  |          |