

| 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   | 2,2   | 7,86 | 1455    | 14,4    | 86,7                   | 87,4  | 85,9  | 0,81                   |       |       | 7,6   | 2,3   | 2,3   | IE3    |
| 400                           | Y   | 50   | 2,2   | 4,52 | 1455    | 14,4    | 86,7                   | 87,4  | 85,9  | 0,81                   |       |       | 7,6   | 2,3   | 2,3   | IE3    |
| 460                           | Y   | 60   | 2,55  | 4,41 | 1746    | 13,9    | 89,5                   |       |       | 0,81                   |       |       |       |       |       | IE3    |
| B3                            |     |      | 100 L |      | 27,5 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                 | Aluminium       |                           |       |
| <i>frame material</i>           | <i>aluminum</i> |                           |       |
| Kondenswasserlöcher             | nein            |                           |       |
| <i>drain holes</i>              | <i>no</i>       |                           |       |
| Trägheitsmoment                 | 0,00837425      | kgm²                      |       |
| <i>moment on inertia</i>        |                 |                           |       |
| Äussere Erdungsklemme           | nein            |                           |       |
| <i>outer earthing connector</i> | <i>no</i>       |                           |       |
| Anstrich                        | RAL7030         | Standardanstrich          |       |
| <i>paint work</i>               |                 | <i>standard paintwork</i> |       |
| Wellenende Abmessungen          | Ø 28            | x                         | 60 mm |
| <i>shaft dimension</i>          |                 |                           |       |

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

| 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) | 64                   | 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         | 6206 2Z C3                 | 6206 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>        |                            |            |          |