

| 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   | 8,85 | 970  | 21,7    | 84,3                   | 84,7  | 83,0  | 0,74                   |       |       | 6,6   | 2,0   | 2,1   | IE3    |
| 400                           | Y   | 50   | 2,2   | 5,09 | 970  | 21,7    | 84,3                   | 84,7  | 83,0  | 0,74                   |       |       | 6,6   | 2,0   | 2,1   | IE3    |
| 460                           | Y   | 60   | 2,55  | 4,83 | 1164 | 20,9    | 89,5                   |       |       | 0,74                   |       |       |       |       |       | IE3    |
| B14b                          |     |      | 112 M |      |      | 32 kg   |                        | IP55  |       | IEC, DIN, ISO, VDE, EN |       |       |       |       |       |        |

| Umgebungsbedingungen                                       |      | <i>environmental conditions</i> |    |    |
|------------------------------------------------------------|------|---------------------------------|----|----|
| 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                                        |                              | <i>mechanical data</i>                        |       |
|----------------------------------------------------------|------------------------------|-----------------------------------------------|-------|
| 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>              | 0,016426                     | 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 <i>terminal box</i>                           |                           |  |  |
|---------------------------------------------------------------|---------------------------|--|--|
| Anschlusskastenmaterial <i>terminal box material</i>          | Aluminium <i>aluminum</i> |  |  |
| Anschlusskasten Lage <i>terminal box position</i>             | oben <i>top</i>           |  |  |
| Gewindebolzen <i>terminal bolt thread</i>                     |                           |  |  |
| max. Leiterquerschnitt <i>max. cable cross-sectional area</i> | mm²                       |  |  |
| Gewinde für Kabelverschr. <i>thread for cable gland</i>       | 2 x M32 x 1,5             |  |  |
| Betriebskondensator <i>operating capacitor</i>                | µF                        |  |  |
| Anlaufkondensator <i>starting capacitor</i>                   | µF                        |  |  |

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

| Motorschutz <i>protection</i>           |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Zündschutzart <i>type of protection</i> | -                                                  |
| Motorschutz <i>protection</i>           | ohne Motorschutz <i>without winding protection</i> |

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

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