

| 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   | 4     | 7,70 | 1460 | 26,2    | 91,1                   | 90,6  | 90,1  | 0,82                   |                     |       | 7,8   | 2,2   | 2,3   | IE4    |
| 690                           | Y   | 50   | 4     | 4,46 | 1460 | 26,2    | 91,1                   | 90,6  | 90,1  | 0,82                   |                     |       | 7,8   | 2,2   | 2,3   | IE4    |
| 460                           | D   | 60   | 4,6   | 7,93 | 1752 | 25,1    | 91,0                   |       |       | 0,80                   |                     |       |       |       |       | IE4    |
| B3                            |     |      | 112 M |      |      | 41 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>              | 0,0142                       |                                               | 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<br><i>terminal box material</i>          | Aluminium<br><i>aluminum</i> |  |     |
| Anschlusskasten Lage<br><i>terminal box position</i>             | oben<br><i>top</i>           |  |     |
| Gewindebolzen<br><i>terminal bolt thread</i>                     |                              |  |     |
| max. Leiterquerschnitt<br><i>max. cable cross-sectional area</i> |                              |  | mm² |
| Gewinde für Kabelverschr.<br><i>thread for cable gland</i>       | 2 x M32 x 1,5                |  |     |
| Betriebskondensator<br><i>operating capacitor</i>                |                              |  | µF  |
| Anlaufkondensator<br><i>starting capacitor</i>                   |                              |  | µF  |

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

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

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

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