

| 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   | 5,5   | 10,7 | 1470 | 35,7    | 89,6                   | 90,2  | 89,1  | 0,83                   |       |       | 7,9   | 2,0   | 2,3   | IE3    |
| 690                           | Y   | 50   | 5,5   | 6,20 | 1470 | 35,7    | 89,6                   | 90,2  | 89,1  | 0,83                   |       |       | 7,9   | 2,0   | 2,3   | IE3    |
| 460                           | D   | 60   | 6,3   | 10,4 | 1764 | 34,1    | 91,7                   |       |       | 0,83                   |       |       |       |       |       | IE3    |
| B5                            |     |      | 132 S |      |      | 55 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                                        |                              | <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>              | 0,031003                     |                                               | 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 38                         | x                                             | 80 mm            |

| 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 Kabelversch.               | 2 x M32 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      | -                          |            |  |
| type of protection |                            |            |  |
| Motorschutz        | ohne Motorschutz           |            |  |
| protection         | without winding protection |            |  |

| Allgemeine Daten                 |  |               |    | general data |  |    |  |
|----------------------------------|--|---------------|----|--------------|--|----|--|
| Schalldruckpegel 50/60 Hz (LpFA) |  | 71            | 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  | 6308 2Z C3          |      | 6308 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        |                     |      |            |         |      |