

| 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     | 7,45 | 2910    | 13,1    | 88,1                   | 88,6  | 87,4  | 0,88                   |       |       | 8,3   | 2,2   | 2,3   | IE3    |
| 690                           | Y   | 50   | 4     | 4,32 | 2910    | 13,1    | 88,1                   | 88,6  | 87,4  | 0,88                   |       |       | 8,3   | 2,2   | 2,3   | IE3    |
| 460                           | D   | 60   | 4,55  | 7,41 | 3492    | 12,4    | 88,5                   |       |       | 0,88                   |       |       |       |       |       | IE3    |
| B5                            |     |      | 112 M |      | 33,5 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<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>              | 0,00631025                   |                                               | 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                |  | 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 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             | -                                 |            |
| <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) | 77                   | 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<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>  | -<br><i>h</i> |
| Fettmenge<br><i>quantity of grease</i>       | -                                               | g                 | -<br><i>g</i> |
| Fettsorte<br><i>grease type</i>              | -                                               |                   |               |