

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]  | [A]  | [1/min] | [Nm] | [4/4]                  | [3/4] | [2/4] | [4/4]             | [3/4] | [2/4] | [-]   | [-]   | [-]   | [-]    |
| 400 | D   | 50   | 4     | 7,80 | 1465    | 26,1 | 91,1                   | 91,5  | 91,0  | 0,81              | 0,75  | 0,63  | 8,3   | 3,1   | 4,3   | IE4    |
| 690 | Y   | 50   | 4     | 4,52 | 1465    | 26,1 | 91,1                   | 91,5  | 91,0  | 0,81              | 0,75  | 0,63  | 8,3   | 3,1   | 4,3   | IE4    |
| 460 | D   | 60   | 4,55  | 7,60 | 1765    | 24,6 | 91,0                   | 91,3  | 90,6  | 0,82              | 0,77  | 0,65  | 8,5   | 3,0   | 4,3   | IE4    |
| 460 | D   | 60   | 4     | 6,50 | 1770    | 21,6 | 91,0                   | 90,8  | 89,4  | 0,78              | 0,71  | 0,58  | 10,0  | 3,7   | 5,4   | IE4    |
|     |     |      | 112 M |      | 46 kg   |      | IP55                   |       |       | IEC, DIN, ISO, VD |       |       |       |       |       |        |

Umgebungsbedingungen / enviromental conditions

|                                                     |      |           |    |    |
|-----------------------------------------------------|------|-----------|----|----|
| Umgebungstemperatur<br>ambient temperature          | -20  | bis<br>to | 40 | °C |
| Höhe über Meeresspiegel<br>altitude above sea level | 1000 |           |    | m  |

Mechanische Daten / mechanical data

|                                                   |                       |                                        |    |      |
|---------------------------------------------------|-----------------------|----------------------------------------|----|------|
| Gehäusematerial<br>frame material                 | Aluminium<br>aluminum |                                        |    |      |
| Kondenswasserlöcher<br>drain holes                | nein<br>no            |                                        |    |      |
| Trägheitsmoment<br>moment of inertia              | 0,02                  |                                        |    | kgm² |
| Äussere Erdungsklemme<br>outer earthing connector | nein<br>no            |                                        |    |      |
| Anstrich<br>paint work                            | RAL7030               | Standardanstrich<br>standard paintwork |    |      |
| Wellenende Abmessungen<br>shaft end dimensions    | Ø 28j6                | x                                      | 60 | mm   |

Anschlusskasten / terminal box

|                                                           |                       |  |  |     |
|-----------------------------------------------------------|-----------------------|--|--|-----|
| Anschlusskastenmaterial<br>terminal box material          | Aluminium<br>aluminum |  |  |     |
| Anschlusskasten Lage<br>terminal box position             | oben<br>top           |  |  |     |
| Gewindebolzen<br>terminal screw thread                    | M4                    |  |  |     |
| max. Leiterquerschnitt<br>max. cable cross-sectional area | 4                     |  |  | mm² |
| Gewinde für Kabelverschr.<br>thread for cable gland       | 2xM32x1,5             |  |  |     |
| Betriebskondensator<br>operating capacitor                | -                     |  |  | µF  |
| Anlaufkondensator<br>starting capacitor                   | -                     |  |  | µF  |

Spezielle Optionen / special options

Motorschutz / protection

|                                     |                                                               |  |  |
|-------------------------------------|---------------------------------------------------------------|--|--|
| Zündschutzart<br>type of protection | -                                                             |  |  |
| Motorschutz<br>motor protection     | 1 bzw 3 Kaltleiter für Abschaltung<br>1 or 3 PTC for tripping |  |  |

Allgemeine Daten / general data

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

Lagerung / bearings

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