

Elektrische Daten Netzbetrieb / electrical data DOL

| U [V] | D/Y [-] | f [Hz] | P [kW] | I [A] | n [1/min] | M [Nm] | Nom. Eff [%] @... load | | | cos phi @... load | | | Ia/In [-] | Ma/Mn [-] | Mk/Mn [-] | IE Cl. [-] |
|----------|------------|-----------|-----------|----------|--------------|-----------|------------------------|-------|-------|-------------------|-------|-------|--------------|--------------|--------------|---------------|
| | | | | | | | [4/4] | [3/4] | [2/4] | [4/4] | [3/4] | [2/4] | | | | |
| 400 | D | 50 | 3 | 5,90 | 1460 | 19,6 | 90,4 | 91,0 | 90,5 | 0,81 | 0,75 | 0,64 | 8,8 | 3,5 | 4,2 | IE4 |
| 690 | Y | 50 | 3 | 3,42 | 1460 | 19,6 | 90,4 | 91,0 | 90,5 | 0,81 | 0,75 | 0,64 | 8,8 | 3,5 | 4,2 | IE4 |
| 460 | D | 60 | 3,45 | 5,80 | 1760 | 18,7 | 91,0 | 91,4 | 90,9 | 0,82 | 0,77 | 0,66 | 9,1 | 3,6 | 4,3 | IE4 |
| 460 | D | 60 | 3 | 5,20 | 1765 | 16,2 | 91,0 | 91,0 | 90,0 | 0,80 | 0,73 | 0,62 | 10,1 | 4,1 | 5,0 | IE4 |
| | | | 100 L | | 38 kg | | IP55 | | | IEC, DIN, ISO, VD | | | | | | |

Umgebungsbedingungen / enviromental conditions

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

Mechanische Daten / mechanical data

| | | | | |
|--|------------------------------|---|----|------------------|
| Gehäusematerial <i>frame material</i> | Aluminium <i>aluminum</i> | | | |
| Kondenswasserlöcher <i>drain holes</i> | nein <i>no</i> | | | |
| Trägheitsmoment <i>moment of inertia</i> | 0,016 | | | kgm ² |
| Äussere Erdungsklemme <i>outer earthing connector</i> | nein <i>no</i> | | | |
| Anstrich <i>paint work</i> | RAL7030 | Standardanstrich <i>standard paintwork</i> | | |
| Wellenende Abmessungen <i>shaft end dimensions</i> | Ø 28j6 | x | 60 | mm |

Anschlusskasten / terminal box

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

Motorschutz / protection

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

Allgemeine Daten / general data

| | | | | |
|--|---------------------------------------|----|--|------|
| Schalldruckpegel 50/60 Hz (LpFA) <i>noise 50/60 Hz (LpFA)</i> | 63 | 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>isolation</i> | 155(F) | | | |
| Betriebsart <i>duty type</i> | S1 | | | |
| Drehrichtung <i>direction of rotation</i> | bidirektional <i>bidirectional</i> | | | |

Lagerung / bearings

| | | | | |
|--|---|------------------|-------------------|------------------|
| 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 crease</i> | - | g | - | g |
| Fettsorte <i>grease type</i> | - | | | |

Spezielle Optionen / special options