

Motordatenblatt / motor datasheet

Motortyp / motor type

Artikelnummer / item no.



Elektrische Daten Netzbetrieb / electrical data DOL

| U [V] | D/Y [-] | f [Hz] | P [kW] | I [A] | n [1/min] | M [Nm] | Nom. Eff [%] @... load [4/4] [3/4] [2/4] | | | cos phi @... load [4/4] [3/4] [2/4] | | | Ia/In [-] | Ma/Mn [-] | Mk/Mn [-] | IE Cl. [-] |
|----------|------------|-----------|-----------|----------|--------------|-----------|---|------|------|--|--|--|--------------|--------------|--------------|---------------|
| 400 | D | 50 | 37 | 66,1 | 1485 | 238 | 93,9 | 94,0 | 93,2 | 0,86 | | | 7,4 | 2,0 | 2,3 | IE3 |
| 690 | Y | 50 | 37 | 38,3 | 1485 | 238 | 93,9 | 94,0 | 93,2 | 0,86 | | | 7,4 | 2,0 | 2,3 | IE3 |
| 460 | D | 60 | 42,5 | 65,3 | 1782 | 228 | 95,0 | | | 0,86 | | | | | | IE3 |
| B35 | | | 225 S | | 343 kg | | IP55 | | | IEC, DIN, ISO, VDE, E | | | | | | |

Umgebungsbedingungen / enviromental conditions

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

Mechanische Daten / mechanical data

| | | | | |
|---|----------------------------|--|-----|------------------|
| Gehäusematerial frame material | Grauguss grey cast iron | | | |
| Kondenswasserlöcher drain holes | nein no | | | |
| Trägheitsmoment moment of inertia | 0,5224 | | | kgm ² |
| Äussere Erdungsklemme outer earthing connector | nein no | | | |
| Anstrich paint work | RAL7030 | Standardanstrich standard paintwork | | |
| Wellenende Abmessungen shaft end dimensions | Ø 60m6 | x | 140 | mm |

Anschlusskasten / terminal box

| | | | | |
|---|-----------------------|--|--|-----------------|
| Anschlusskastenmaterial terminal box material | Aluminium aluminum | | | |
| Anschlusskasten Lage terminal box position | oben top | | | |
| Gewindebolzen terminal screw thread | | | | |
| max. Leiterquerschnitt max. cable cross-sectional area | | | | mm ² |
| Gewinde für Kabelverschr. thread for cable gland | 2xM50x1,5 | | | |
| Betriebskondensator operating capacitor | - | | | µF |
| Anlaufkondensator starting capacitor | - | | | µF |

Motorschutz / protection

| | | | | |
|-------------------------------------|--|--|--|--|
| Zündschutzart type of protection | - | | | |
| Motorschutz motor protection | 3 Kaltleiter für Abschaltung 3 PTC for tripping | | | |

Allgemeine Daten / general data

| | | | | |
|---|--------------------------------|----|--|------|
| Schalldruckpegel 50/60 Hz (Lp _{fA}) noise 50/60 Hz (Lp _{fA}) | 78 | dB | | dB |
| Kühlart method of cooling | IC411 | | | TEFC |
| Vibrationsklasse vibration class | A | | | |
| Wuchtung balancing | Halbkeil half key | | | |
| Isolation isolation | 155(F) | | | |
| Betriebsart duty type | S1 | | | |
| Drehrichtung direction of rotation | bidirektional bidirectional | | | |

Lagerung / bearings

| | | | | |
|---------------------------------------|---|-----------|--|-----------|
| Art der Lagerung locating bearing | Festlager B-Seite located bearing NDE | | | |
| Lager A - B-Seite bearing DE / NDE | 6313 C3 | | | 6313 C3 |
| Nachschmierung regreasing | Ja yes | | | Ja yes |
| Intervall intervall | | Std. h | | Std. h |
| Fettmenge quantity of crease | | g | | g |
| Fettsorte grease type | Shell Gadus S1 V220 2 Shell Gadus S1 V220 2 | | | |

Spezielle Optionen / special options

- With PTC