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|  Kunden-Auftrags-Nr. / Client order no. |  Item-Nr. / Item-No. |  Angebots-Nr. / Offer no. |
|   |   |   |
|  Auftrags-Nr. / Order no. |  Komm.-Nr. / Consignment no. |  Projekt / Project |
|   |   |   |
|  Bemerkung / Remarks |
|  |  |  **Safe Area** |
|  **Elektrische Daten / *Electrical data*** | **-/-** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| U[V] | Δ / Y | f[Hz] | P[kW] | P[hp] | I[A] | n[1/min] | M[Nm] | η 3) | cosφ 3) | IA/INII/IN | MA/MNTI/TN | MK/MNTB/TN | IE-CL |
| 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 |
| **Netzbetrieb (S1) / *DOL duty (S1)*** - 155(F) nach 130(B) |
| 400 | Δ | 50 | 55,00 | -/- | 95,00 | 2975 | 177,0 | 94,3 | 94,5 | 93,9 | 0,89 | 0,87 | 0,80 | 6,7 | 2,3 | 3,1 | IE3 |
| 690 | Y | 50 | 55,00 | -/- | 55,00 | 2975 | 177,0 | 94,3 | 94,5 | 93,9 | 0,89 | 0,87 | 0,80 | 6,7 | 2,3 | 3,1 | IE3 |
| 460 | Δ | 60 | 62,00 | -/- | 92,00 | 3575 | 166,0 | 93,6 | 93,6 | 92,7 | 0,90 | 0,88 | 0,82 | 6,7 | 2,3 | 3,0 | IE3 |
| 460 | Δ | 60 | 55,00 | -/- | 83,00 | 3578 | 147,0 | 93,6 | 93,4 | 92,3 | 0,89 | 0,87 | 0,79 | 7,3 | 2,5 | 3,3 | IE3 |
| IM B3 / IM 1001 |  | FS 250 M |  | IP55 | UKCA | IEC/EN 60034 | IEC, DIN, ISO, VDE, EN |   |  |
| Umgebungsbedingungen */ Environmental conditions* : -20 °C - +40 °C / 1000 m | Festbremszeit (warm / kalt) */ Locked rotor time (hot / cold)* : 34,1 s | 54,3 s |

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|  **Mechanische Daten / *Mechanical data*** |

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| Schallpegel (LpA / LwA) bei 50Hz|60Hz*Sound level (SPL / SWL) at 50Hz|60Hz* | 73 / 87 dB(A) 2) 3) | 76 / 90 dB(A) 2) 3) |
| **Trägheitsmoment*Moment of inertia*** | 0,4600 kg m² |
| **Lager AS | BS*Bearing DE | NDE*** | 6315 C3 | 6315 C3 |
| **Lagerlebensdauer / *bearing lifetime*** |
| **L10mh FRad min bei Kupplungsbetrieb 50|60Hz 1)*L10mh FRad min for coupling operation 50|60Hz 1)*** | 40000 h | 32000 h |
| **Nachschmierfrist/-menge AS | BS*Relubrication interval/quantity DE | NDE*** | 25 g | 25 g4000 h |
| **Schmiermittel*Lubricants*** | Unirex N3 |
| **Nachschmiereinrichtung*Regreasing device*** | mit*With* |
| **Schmiernippel*Grease nipple*** | M10x1 DIN 3404 A |
| **Art der Lagerung*Type of bearing*** | Festlager NDE (BS)*Locating bearing NDE* |
| **Kondenswasserlöcher*Condensate drainage holes*** | Mit (standard)*With (standard)* |
| **Äußere Erdungsklemme*External earthing terminal*** | Mit (Standard)*With (standard)* |
| **Schwinggrößenstufe*Vibration severity grade*** | A*A* |
| **Wärmeklasse*Thermal class*** | F*F* |
| **Betriebsart *Duty type*** | S1 |
| **Drehrichtung*Direction of rotation*** | bidirektional*bidirectional* |
| **Gehäusematerial*Frame material*** | Grauguss*cast iron* |
| **Nettogewicht des Motors (IM B3)*Net weight of the motor (IM B3)*** | 385 kg |
| **Endanstrich*Coating (paint finish)*** | Normalanstrich C2*Standard paint finish C2* |
| **Farbe, Farbton*Color, paint shade*** | RAL7030 |
| **Motorschutz*Motor protection*** | (B) 3 Kaltleiter PTC - für Abschaltung (2 Klemmen)*(B) 3 PTC thermistors - for tripping (2 terminals)* |
| **Kühlart*Method of cooling*** | IC411 - Eigenbelüftet Oberflächengekühlt*IC411 - self ventilated, surface cooled* |

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|  **Anschlusskasten / *Terminal box*** |

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| --- | --- |
| Klemmenkastenlage*Terminal box position* | **oben*top*** |
| **Klemmenkastenmaterial*Material of terminal box*** | Grauguss*cast iron* |
| **Klemmenkastentyp*Type of terminal box*** | TB1 N01 |
| **Gewinde Kontaktschraube*Contact screw thread*** | M10 |
| **Max. Leiterquerschnitt*Max. cross-sectional area*** | 120 mm2 |
| **Kabeldurchmesser von ... bis ...*Cable diameter from ... to ...*** | 34 mm - 42 mm |
| **Kabeleinführung*Cable entry*** | 2xM63x1,5-2xM20x1,5 |
| **Kabelverschraubung*Cable gland***  | 4 Stopfen4 plugs |
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|  **Sonderausführung / *Special design*** |

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| L23 | Nachschmiereinrichtung *Regreasing system*  |
| L25 | Beidseitig verstärktes Lager für DE (AS) und NDE (BS), Lagergrösse 63 *Double sides reinforced bearings for DE and NDE, Type 63*  |
| M11 | Leistungsschild aus nichtrostendem Stahl *Stainless steel rating plate*  |

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