|  |  |  |
| --- | --- | --- |
| 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/IN II/IN | MA/MN TI/TN | MK/MN TB/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) | | | | | | | | | | | | | | | | | | | | |
| 230 | Δ | 50 | 11,00 | -/- | | 36,50 | | 1465 | | 72,0 | 89,8 | 90,9 | 90,9 | 0,84 | 0,81 | 0,72 | 7,7 | 2,6 | 3,1 | IE2 |
| 400 | Y | 50 | 11,00 | -/- | | 21,00 | | 1465 | | 72,0 | 89,8 | 90,9 | 90,9 | 0,84 | 0,81 | 0,72 | 7,7 | 2,6 | 3,1 | IE2 |
| 460 | Y | 60 | 12,60 | -/- | | 20,50 | | 1765 | | 68,0 | 91,0 | 91,9 | 91,7 | 0,85 | 0,82 | 0,74 | 7,9 | 2,5 | 3,1 | IE2 |
| 460 | Y | 60 | 11,00 | -/- | | 18,50 | | 1770 | | 59,0 | 91,0 | 91,5 | 90,8 | 0,82 | 0,78 | 0,69 | 8,5 | 2,9 | 3,6 | IE2 |
| IM B3 / IM 1001 | |  | FS 132 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)* : 10,1 s | 17,2 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* | | | 64 / 76 dB(A) 2) 3) | 68 / 80 dB(A) 2) 3) |
| Trägheitsmoment *Moment of inertia* | | | 0,0460 kg m² | |
| Lager AS | BS *Bearing DE | NDE* | | | 6308 2Z C3 | 6308 2Z 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 |
| Nachschmiereinrichtung *Regreasing device* | | ohne *Without* | | |
| Schmiernippel *Grease nipple* | | | -/- | |
| Art der Lagerung *Type of bearing* | | | Festlager NDE (BS) *Locating bearing NDE* | |
| Kondenswasserlöcher *Condensate drainage holes* | | | Ohne *Without* | |
| Äußere Erdungsklemme *External earthing terminal* | | | Ohne *Without* | |
| Schwinggrößenstufe *Vibration severity grade* | | | A *A* | |
| Wärmeklasse *Thermal class* | | | F *F* | |
| Betriebsart  *Duty type* | | | S1 | |
| Drehrichtung *Direction of rotation* | | | bidirektional *bidirectional* | |
| Gehäusematerial *Frame material* | | | Aluminium *aluminum* | |
| Nettogewicht des Motors (IM B3) *Net weight of the motor (IM B3)* | | | 64 kg | |
| Endanstrich *Coating (paint finish)* | | | Normalanstrich C2 *Standard paint finish C2* | |
| Farbe, Farbton *Color, paint shade* | | | RAL7030 | |
| Motorschutz *Motor protection* | (A) ohne (Standard) *(A) without (Standard)* | | | |
| 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* | Aluminium *Aluminium* |
| Klemmenkastentyp *Type of terminal box* | TB1 H00 |
| Gewinde Kontaktschraube *Contact screw thread* | M4 |
| Max. Leiterquerschnitt *Max. cross-sectional area* | 6 mm2 |
| Kabeldurchmesser von ... bis ... *Cable diameter from ... to ...* | 11 mm - 21 mm |
| Kabeleinführung *Cable entry* | 2xM32x1,5-1xM16x1,5 |
| Kabelverschraubung *Cable gland* | 3 Stopfen 3 plugs |
| Leitungslänge *Cable length* |  |
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| **Sonderausführung / *Special design*** |

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| D22 | Motor ohne CE-Zeichen für Export außerhalb EWR (siehe EU-Verordnung 2019/1781)  *Motor without CE character for export outside the EEA (see EU regulation 2019/1781)* |
| F01 | Anbau Haltbremse  *Mounting of holding brake* |
| F11 | Bremsenanschlussspannung AC 230 V, 50/60 Hz  *Brake supply voltage, 230 V AC, 50/60 Hz* |
| H01 | Füsse angeschraubt (statt angegossen)  *Bolted on mounting feet (instead of cast)* |
| L21 | Festlager NDE (BS)  *Locating (fixed) bearing, NDE* |
| L25 | Beidseitig verstärktes Lager für DE (AS) und NDE (BS), Lagergrösse 63  *Double sides reinforced bearings for DE and NDE, Type 63* |

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| Zusätzliche Informationen: / *Additional information:* | | | | |
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| Bremse:  *Brake:* |  |  |  |  |
| Bezeichnung: *Description:* | BFK458-16 |  | Eigenstrom: *Current:* | 0,27 A |
| Versorgungsspannung: *Voltage:* | AC 230 V |  | Trägheitsmoment: *Moment of inertia:* | 0,001500 kgm² |
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