



IEC 34-30

Maßblatt Drehstrommotor / dimensions three phase motor IM B34 [mm]

| Typ | A | AB | AC | B | BB | C | PM | ØD | DB | E | F | H | HD | K | L |
|--------------------|-----|-----|-----|-----|-----|----|---------|----|-----|----|-----|-----|-----|----|-----|
| MX3-100L2-4 | 160 | 200 | 199 | 140 | 180 | 63 | M25*1.5 | 28 | M10 | 60 | 8 | 100 | 256 | 12 | 386 |
| | | | | | | | | | | | ØP | ØN | ØM | ØS | |
| | | | | | | | | | | | 160 | 110 | 130 | M8 | |

technische Daten / technical data

| Typ / type | MX3-100L2-4 | | | |
|---|--------------------------|---|---|----------------------------|
| Leistung / power | [kW] | 3,00 | Anzugs- zu Nennstrom / starting current | [Ia/I _n] 6,5 |
| Drehzahl / speed | [upm] | 1440 | Kipp- zu Nennmoment / pull-out torque | [MK/M _n] 2,3 |
| Anzahl der Pole/ number of poles | | 4 | Anzugs- zu Nennmoment / starting torque | [Ma/M _n] 2,2 |
| Nennstrom / rated current (400V) | [A] | 6,02 | Trägheitsmoment / moment of inertia | [Kg ²] 0,01350 |
| Leistungsfaktor / power factor | [cos φ] | 0,82 | Lager / bearing | [DE] 6206 [NDE] 6206 |
| Wirkungsgrad / efficiency | [100%] [75%] [50%] | 87,7 87,9 86 | max. Radialbelastung / max. radial force | [N] 1350 |
| Schutzart / degree of protection | [IP] | IP 55 | Schalleistungspegel / noise level | [dB] 64 |
| Drehmoment / torque | [Nm] | 19,9 | Umgebungstemperatur / ambient temperature | [°C] ≤40 |
| Betriebsart / type of duty | | S1 | Gewicht / weight | [kg] 28,04 |
| Iso.Kl | | F | Aufstellungshöhe / altitude | [m] ≤1000 |
| max. Temperaturanstieg / temperature rise | [K] | ≤70 | | |
| Frequenz / frequency | [Hz] | 50/60 | | |
| Spannung / voltage | | 230/400 [Δ/Y] 50Hz 265/460 [Δ/Y] 60Hz | | |
| Motorschutz / motor protection | | 3xPTC Kaltleiter | | |
| Herstellungsjahr / production year | | siehe Seriennummer 1. vier Stellen / see serial number 1. four digits | | |