



IEC 34-30

Maßblatt Drehstrommotor / dimensions three phase motor IM B5 [mm]

| Typ | AC | ØD | DB | E | F | HA | PM | L | ØP | ØN | ØM | ØS |
|-------------|-----|----|-----|----|---|-----|---------|-----|-----|-----|-----|----|
| MX3-100L1-2 | 199 | 28 | M10 | 60 | 8 | 156 | M25*1.5 | 390 | 250 | 180 | 215 | 15 |

Technische Daten / technical data

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|----------------------------------|---|-------|---|--|---|---------------------------|------|-------|--|--|--|--|
| Typ / type | MX3-100L1-2 | | | | | | | | | | | |
| Leistung / power | [kW] | 3,00 | Anzugs- zu Nennstrom / starting current | [Ia/In] | 6,5 | | | | | | | |
| Drehzahl / speed | [upm] | 2890 | Kipp- zu Nennmoment / pull-out torque | [MK/Mn] | 2,3 | | | | | | | |
| Anzahl der Pole/ number of poles | 2 | | Anzugs- zu Nennmoment / starting torque | [Ma/Mn] | 2,2 | | | | | | | |
| Nennstrom / rated current (400V) | [A] | 5,71 | Trägheitsmoment / moment of inertia | [Kgm ²] | 0,00529 | | | | | | | |
| Leistungsfaktor / power factor | [cos φ] | 0,87 | Lager / bearing | [DE] | 6206 | | | | | | | |
| Wirkungsgrad / efficiency | [100%] | 87,1 | | [NDE] | 6206 | | | | | | | |
| | [75%] | 86,6 | max. Radialbelastung / max. radial force | [N] | 1100 | | | | | | | |
| | [50%] | 85,6 | Betriebsart / type of duty | S1 | Schalleistungspegel / noise level | [dB] | 76 | | | | | |
| Schutzart / degree of protection | [IP] | IP 55 | Iso.Kl | F | Umgebungstemperatur / ambient temperature | [°C] | ≤40 | | | | | |
| Drehmoment / torque | [Nm] | 9,9 | max. Temperaturanstieg / temperature rise | [K] | ≤75 | Gewicht / weight | [kg] | 24 | | | | |
| Frequenz / frequency | [Hz] | 50/60 | Spannung / voltage | 230/400 [Δ/Y] 50Hz 265/460 [Δ/Y] 60Hz | | Aufstellungshöhe altitude | [m] | ≤1000 | | | | |
| Motorschutz / motor protection | 3xPTC Kaltleiter / Thermistors | | | | | | | | | | | |
| Herstellungsjahr production year | siehe Seriennummer 1. vier Stellen see serial number 1. four digits | | | | | | | | | | | |