



IEC 34-30

Maßblatt Drehstrommotor / dimensions three phase motor IM B14 [mm]

| Typ / type | AC | ØD | DB | E | F | HA | PM | L | ØP | ØN | ØM | ØS |
|-------------|-----|----|-----|----|---|-----|---------|-----|-----|-----|-----|----|
| MX3-112M1-2 | 220 | 28 | M10 | 60 | 8 | 172 | M25*1.5 | 408 | 160 | 110 | 130 | M8 |

Technische Daten / technical data

| | | | | | |
|---|-------------|---|---|---------------------|---------|
| Typ / type | MX3-112M1-2 | | | | |
| Leistung / power | [kW] | 4,00 | Anzugs- zu Nennstrom / starting current | [Ia/In] | 6,5 |
| Drehzahl / speed | [upm] | 2900 | 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] | 7,45 | Trägheitsmoment / moment of inertia | [Kgm ²] | 0,00757 |
| Leistungsfaktor / power factor | [cos φ] | 0,88 | Lager / bearing | [DE] | 6306 |
| Wirkungsgrad / efficiency | [100%] | 88,1 | | [NDE] | 6306 |
| | [75%] | 88,2 | max. Radialbelastung / max. radial force | [N] | 1100 |
| | [50%] | 86,1 | Schalleistungspegel / noise level | [dB] | 77 |
| Schutzart / degree of protection | [IP] | IP 55 | Umgebungstemperatur / ambient temperature | [°C] | ≤40 |
| Drehmoment / torque | [Nm] | 13,2 | Gewicht / weight | [kg] | 28 |
| Betriebsart / type of duty | | S1 | Aufstellungshöhe / altitude | [m] | ≤1000 |
| Iso. Klasse | | F | | | |
| max. Temperaturanstieg / temperature rise | [K] | ≤75 | | | |
| Frequenz / frequency | [Hz] | 50/60 | | | |
| Spannung / voltage | | 400/600 [Δ/Y] 50Hz 460/795 [Δ/Y] 60Hz | | | |
| Motorschutz / motor protection | | 3x PTC Kaltleiter / Thermistors | | | |
| Herstellungsjahr / production year | | siehe Seriennummer 1. vier Stellen / see serial number 1. four digits | | | |