



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 |
|------------|-----|----|----|----|---|-----|---------|-----|-----|----|-----|----|
| MX3-80P-4 | 158 | 19 | M6 | 40 | 6 | 127 | M20*1.5 | 295 | 120 | 80 | 100 | M6 |

Technische Daten / technical data

| | | | | | |
|---|-----------|---|---|---------------------|-------|
| Typ / type | MX3-80P-4 | | | | |
| Leistung / power | [kW] | 1,10 | Anzugs- zu Nennstrom / starting current | [Ia/In] | 6,5 |
| Drehzahl / speed | [upm] | 1420 | Kipp- zu Nennmoment / pull-out torque | [MK/Mn] | 2,3 |
| Anzahl der Pole/ number of poles | | 4 | Anzugs- zu Nennmoment / starting torque | [Ma/Mn] | 2,2 |
| Nennstrom / rated current (400V) | [A] | 2,45 | Trägheitsmoment / moment of inertia | [Kgm ²] | a.A |
| Leistungsfaktor / power factor | [cos φ] | 0,77 | Lager / bearing | [DE] | 6204 |
| Wirkungsgrad / efficiency | [100%] | 84,1 | | [NDE] | 6204 |
| | [75%] | 84,2 | max. Radialbelastung / max. radial force | [N] | 920 |
| | [50%] | 81,8 | Schalleistungspegel / noise level | [dB] | 61 |
| Schutzart / degree of protection | [IP] | IP 55 | Umgebungstemperatur / ambient temperature | [°C] | ≤40 |
| Drehmoment / torque | [Nm] | 7,4 | Gewicht / weight | [kg] | 12,85 |
| Betriebsart / type of duty | | S1 | Aufstellungshöhe / altitude | [m] | ≤1000 |
| Iso. Klasse | | F | | | |
| max. Temperaturanstieg / temperature rise | [K] | ≤65 | | | |
| Frequenz / frequency | [Hz] | 50/60 | | | |
| Spannung / voltage | | 230/400 [Δ/Y] 50Hz 265/460 [Δ/Y] 60Hz | | | |
| Motorschutz / motor protection | | 3x PTC Kaltleiter / Thermistors | | | |
| Herstellungsjahr / production year | | siehe Seriennummer 1. vier Stellen / see serial number 1. four digits | | | |