



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  |
|------------|-----|----|-----|----|----|-----|---------|-----|-----|-----|-----|-----|
| MX3-132S6  | 257 | 38 | M12 | 80 | 10 | 191 | M25*1.5 | 468 | 200 | 130 | 165 | M10 |

**Technische Daten / technical data**

|   |           |   |   |                     |         |
|---|-----------|---|---|---------------------|---------|
| Typ / type                                | MX3-132S6 |   |   |                     |         |
| Leistung / power                          | [kW]      | 3,00  | Anzugs- zu Nennstrom / starting current   | [Ia/In]             | 6,5     |
| Drehzahl / speed                          | [upm]     | 960   | Kipp- zu Nennmoment / pull-out torque     | [MK/Mn]             | 2,2     |
| Anzahl der Pole/ number of poles          |           | 6   | Anzugs- zu Nennmoment / starting torque   | [Ma/Mn]             | 2,1     |
| Nennstrom / rated current (400V)          | [A]       | 6,66  | Trägheitsmoment / moment of inertia       | [Kgm <sup>2</sup> ] | 0,04517 |
| Leistungsfaktor / power factor            | [cos φ]   | 0,76  | Lager / bearing                           | [DE]                | 6308    |
| Wirkungsgrad / efficiency                 | [100%]    | 85,6  |   | [NDE]               | 6308    |
|   | [75%]     | 85,4  | max. Radialbelastung / max. radial force  | [N]                 | 2300    |
|   | [50%]     | 82,6  | Schalleistungspegel / noise level         | [dB]                | 69      |
| Schutzart / degree of protection          | [IP]      | IP 55   | Umgebungstemperatur / ambient temperature | [°C]                | ≤40     |
| Drehmoment / torque                       | [Nm]      | 29,8  | Gewicht / weight                          | [kg]                | a.A     |
| Betriebsart / type of duty                |           | S1  | Aufstellungshöhe / altitude               | [m]                 | ≤1000   |
| Iso. Klasse                               |           | F   |   |                     |         |
| max. Temperaturanstieg / temperature rise | [K]       | ≤70   |   |                     |         |
| Frequenz / frequency                      | [Hz]      | 50/60   |   |                     |         |
| Spannung / voltage                        |           | 230/400 [Δ/Y] 50Hz<br>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 |   |                     |         |