



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 |
|-------------|-----|----|-----|----|----|-----|---------|-----|-----|-----|-----|----|
| MX3-132S1-2 | 257 | 38 | M12 | 80 | 10 | 191 | M25*1.5 | 468 | 300 | 230 | 265 | 15 |

**Technische Daten / technical data**

|   |   |       |  |   |         |      |  |  |  |
|---|---|-------|--|---|---------|------|--|--|--|
| Typ / type                                | MX3-132S1-2   |       |  |   |         |      |  |  |  |
| Leistung / power                          | [kW]  | 5,50  | Anzugs- zu Nennstrom / starting current  | [Ia/In]                                   | 6,5     |      |  |  |  |
| Drehzahl / speed                          | [upm]   | 2920  | 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]   | 10,11 | Trägheitsmoment / moment of inertia      | [Kgm <sup>2</sup> ]                       | 0,01665 |      |  |  |  |
| Leistungsfaktor / power factor            | [cos φ]   | 0,88  | Lager / bearing                          | [DE]                                      | 6308    |      |  |  |  |
| Wirkungsgrad / efficiency                 | [100%]  | 89,2  |  | [NDE]                                     | 6308    |      |  |  |  |
|   | [75%]   | 87,9  |  |   |         |      |  |  |  |
|   | [50%]   | 83,6  |  |   |         |      |  |  |  |
| Schutzart / degree of protection          | [IP]  | IP 55 | max. Radialbelastung / max. radial force | [N]                                       | 1800    |      |  |  |  |
| Drehmoment / torque                       | [Nm]  | 18,0  | Schalleistungspegel / noise level        | [dB]                                      | 80      |      |  |  |  |
| Betriebsart / type of duty                | S1  |       |  | Umgebungstemperatur / ambient temperature | [°C]    | ≤40  |  |  |  |
| Iso.Kl                                    | F   |       |  | Gewicht / weight                          | [kg]    | 39,2 |  |  |  |
| max. Temperaturanstieg / temperature rise | [K]   | ≤75   | Aufstellungshöhe / altitude              | [m]                                       | ≤1000   |      |  |  |  |
| Frequenz / frequency                      | [Hz]  | 50/60 |  |   |         |      |  |  |  |
| Spannung / voltage                        | 400/690 [Δ/Y] 50Hz  |       |  |   |         |      |  |  |  |
|   | 460/796 [Δ/Y] 60Hz  |       |  |   |         |      |  |  |  |
| Motorschutz / motor protection            | 3xPTC Kaltleiter / Thermistors  |       |  |   |         |      |  |  |  |
| Herstellungsjahr / production year        | siehe Seriennummer 1. vier Stellen / see serial number 1. four digits |       |  |   |         |      |  |  |  |