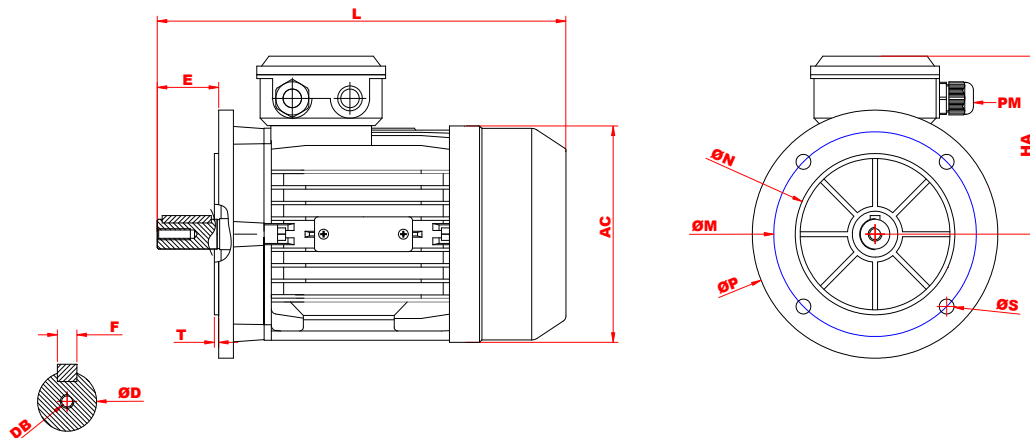




IEC 34-30

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

| Typ         | AC  | ØD | DB  | E  | F  | HA  | PM      | L   | ØP  | ØN  | ØM  | ØS |
|-------------|-----|----|-----|----|----|-----|---------|-----|-----|-----|-----|----|
| MX3-132M2-6 | 257 | 38 | M12 | 80 | 10 | 191 | M25*1.5 | 506 | 300 | 230 | 265 | 15 |

**Technische Daten / technical data**

|                                           |                                                                        |                    |                                           |                     |              |
|-------------------------------------------|------------------------------------------------------------------------|--------------------|-------------------------------------------|---------------------|--------------|
| Typ / type                                | MX3-132M2-6                                                            |                    |                                           |                     |              |
| Leistung / power                          | [kW]                                                                   | 5,50               | 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]                                                                    | 11,72              | Trägheitsmoment / moment of inertia       | [Kgm <sup>2</sup> ] | 0,02760      |
| Leistungsfaktor / power factor            | [cos φ]                                                                | 0,77               | Lager / bearing                           | [DE]<br>[NDE]       | 6308<br>6308 |
| Wirkungsgrad / efficiency                 | [100%]<br>[75%]<br>[50%]                                               | 88<br>87,5<br>84,8 | max. Radialbelastung / max. radial force  | [N]                 | 2300         |
| Schutzart / degree of protection          | [IP]                                                                   | IP 55              | Schalleistungspegel / noise level         | [dB]                | 69           |
| Drehmoment / torque                       | [Nm]                                                                   | 54,7               | Umgebungstemperatur / ambient temperature | [°C]                | ≤40          |
| Betriebsart / type of duty                |                                                                        | S1                 | Gewicht / weight                          | [kg]                | 56,8         |
| Iso.Kl                                    |                                                                        | F                  | Aufstellungshöhe altitude                 | [m]                 | ≤1000        |
| max. Temperaturanstieg / temperature rise | [K]                                                                    | ≤70                |                                           |                     |              |
| Frequenz / frequency                      | [Hz]                                                                   | 50/60              |                                           |                     |              |
| Spannung / voltage                        | 400/690 [Δ/Y] 50Hz<br>460/796 [Δ/Y] 60Hz                               |                    |                                           |                     |              |
| Motorschutz / motor protection            | 3xPTC Kaltleiter / Thermistors                                         |                    |                                           |                     |              |
| Herstellungsjahr<br>production year       | siehe Seriennummer 1. vier Stellen<br>see serial number 1. four digits |                    |                                           |                     |              |