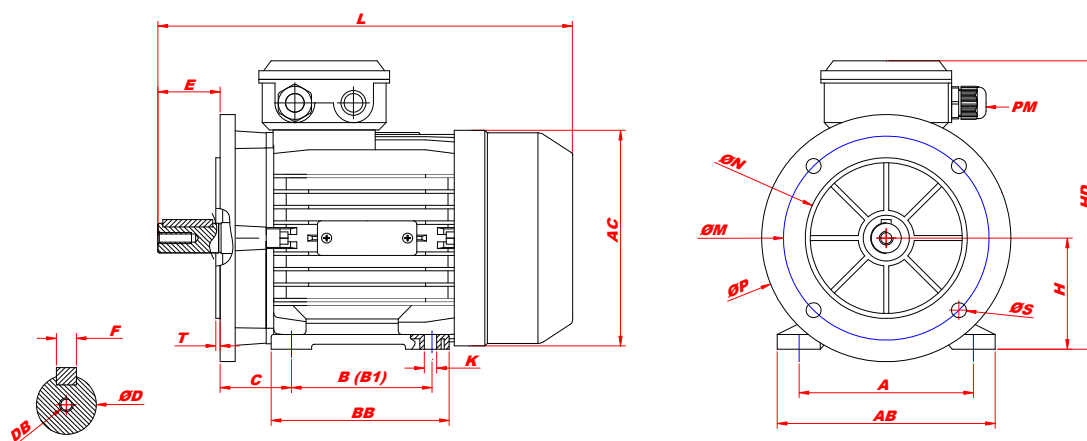




IEC 34-30

**Maßblatt Drehstrommotor / dimensions three phase motor IM B35 [mm]**

| Typ       | A   | AB  | AC  | B   | BB  | C  | PM      | ØD | DB | E  | F   | H   | HD  | K  | L   |
|-----------|-----|-----|-----|-----|-----|----|---------|----|----|----|-----|-----|-----|----|-----|
| MX3-802-2 | 125 | 155 | 158 | 100 | 125 | 50 | M20*1.5 | 19 | M6 | 40 | 6   | 80  | 207 | 10 | 295 |
|           |     |     |     |     |     |    |         |    |    |    | ØP  | ØN  | ØM  | ØS |     |
|           |     |     |     |     |     |    |         |    |    |    | 200 | 130 | 165 | 12 |     |

**technische Daten / technical data**

| Typ / type                                |                          | MX3-802-2                                                              |                                           |                      |              |
|-------------------------------------------|--------------------------|------------------------------------------------------------------------|-------------------------------------------|----------------------|--------------|
| Leistung / power                          | [kW]                     | 1,10                                                                   | Anzugs- zu Nennstrom / starting current   | [Ia/I <sub>n</sub> ] | 6,5          |
| Drehzahl / speed                          | [upm]                    | 2860                                                                   | Kipp- zu Nennmoment / pull-out torque     | [MK/M <sub>n</sub> ] | 2,3          |
| Anzahl der Pole/ number of poles          |                          | 2                                                                      | Anzugs- zu Nennmoment / starting torque   | [Ma/M <sub>n</sub> ] | 2,2          |
| Nennstrom / rated current (400V)          | [A]                      | 2,31                                                                   | Trägheitsmoment / moment of inertia       | [Kg <sup>2</sup> ]   | 0,00136      |
| Leistungsfaktor / power factor            | [cos φ]                  | 0,83                                                                   | Lager / bearing                           | [DE]<br>[NDE]        | 6204<br>6204 |
| Wirkungsgrad / efficiency                 | [100%]<br>[75%]<br>[50%] | 82,7<br>82,6<br>81,3                                                   | max. Radialbelastung / max. radial force  | [N]                  | 720          |
| Schutzart / degree of protection          | [IP]                     | IP 55                                                                  | Schalleistungspegel / noise level         | [dB]                 | 67           |
| Drehmoment / torque                       | [Nm]                     | 3,7                                                                    | Umgebungstemperatur / ambient temperature | [°C]                 | ≤40          |
| Betriebsart / type of duty                |                          | S1                                                                     | Gewicht / weight                          | [kg]                 | 11,5         |
| Iso.Kl                                    |                          | F                                                                      | Aufstellungshöhe altitude                 | [m]                  | ≤1000        |
| 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            |                          | 3xPTC Kaltleiter                                                       |                                           |                      |              |
| Herstellungsjahr production year          |                          | siehe Seriennummer 1. vier Stellen<br>see serial number 1. four digits |                                           |                      |              |