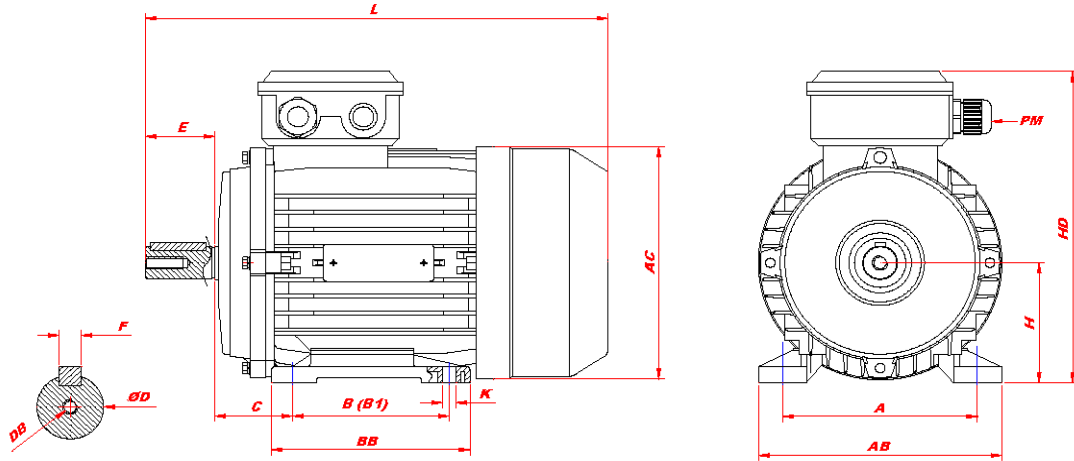




IEC 34-30

**Maßblatt Drehstrommotor / dimensions three phase motor IM B3 [mm]**

| Typ       | A   | AB  | AC  | B   | BB  | C  | PM      | ØD | DB | E  | F | H  | HD  | K  | L   |
|-----------|-----|-----|-----|-----|-----|----|---------|----|----|----|---|----|-----|----|-----|
| MX3-90S-4 | 140 | 180 | 177 | 100 | 130 | 56 | M20*1.5 | 24 | M8 | 50 | 8 | 90 | 226 | 10 | 321 |

**Technische Daten / technical data**

|                                              |                                                                        |                                          |                                              |                     |              |
|----------------------------------------------|------------------------------------------------------------------------|------------------------------------------|----------------------------------------------|---------------------|--------------|
| Typ / type                                   | MX3-90S-4                                                              |                                          |                                              |                     |              |
| Leistung / power                             | [kW]                                                                   | 1,10                                     | Anzugs- zu Nennstrom /<br>starting current   | [Ia/In]             | 6,5          |
| Drehzahl / speed                             | [upm]                                                                  | 1430                                     | Kipp- zu Nennmoment /<br>pull-out torque     | [MK/Mn]             | 2,3          |
| Anzahl der Pole/ number of poles             |                                                                        | 4                                        | Anzugs- zu Nennmoment /<br>starting torque   | [Ma/Mn]             | 2,2          |
| Nennstrom / rated current (400V)             | [A]                                                                    | 2,45                                     | Trägheitsmoment /<br>moment of inertia       | [Kgm <sup>2</sup> ] | 0,00526      |
| Leistungsfaktor / power factor               | [cos φ]                                                                | 0,77                                     | Lager / bearing                              | [DE]<br>[NDE]       | 6205<br>6205 |
| Wirkungsgrad / efficiency                    | [100%]<br>[75%]<br>[50%]                                               | 84,1<br>84,2<br>81,8                     | max. Radialbelastung /<br>max. radial force  | [N]                 | 1000         |
| Schutzart / degree of protection             | [IP]                                                                   | IP 55                                    | Schallleistungspegel /<br>noise level        | [dB]                | 61           |
| Drehmoment / torque                          | [Nm]                                                                   | 7,3                                      | Umgebungstemperatur /<br>ambient temperature | [°C]                | ≤40          |
| Betriebsart / type of duty                   |                                                                        | S1                                       | Gewicht / weight                             | [kg]                | 16,9         |
| Iso.Kl                                       |                                                                        | F                                        | Aufstellungshöhe<br>altitude                 | [m]                 | ≤1000        |
| max. Temperaturanstieg /<br>temperature rise | [K]                                                                    | ≤65                                      |                                              |                     |              |
| Frequenz / frequency                         | [Hz]                                                                   | 50/60                                    |                                              |                     |              |
| Spannung / voltage                           |                                                                        | 230/400 [Δ/Y] 50Hz<br>265/460 [Δ/Y] 60Hz |                                              |                     |              |
| Motorschutz / motor protection               | 3x PTC Kaltleiter / Thermistor                                         |                                          |                                              |                     |              |
| Herstellungsjahr<br>production year          | siehe Seriennummer 1. vier Stellen<br>see serial number 1. four digits |                                          |                                              |                     |              |