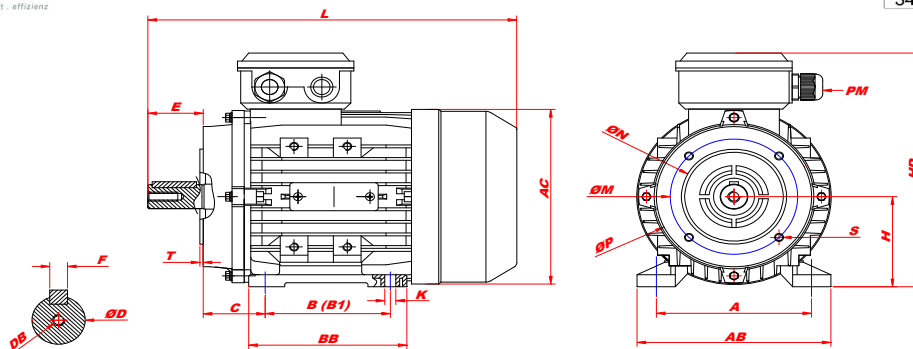




Maßblatt Drehstrommotor / dimensions three phase motor IM B34 [mm]

| Typ         | A   | AB  | AC  | B   | BB  | C  | PM      | ØD | DB  | E  | F   | H   | HD  | K   | L   |
|-------------|-----|-----|-----|-----|-----|----|---------|----|-----|----|-----|-----|-----|-----|-----|
| MX3 100L1-8 | 160 | 200 | 199 | 140 | 180 | 63 | M25*1.5 | 28 | M10 | 60 | 8   | 100 | 256 | 12  | 390 |
|             |     |     |     |     |     |    |         |    |     |    | ØM  | ØN  | ØP  | ØS  |     |
|             |     |     |     |     |     |    |         |    |     |    | 130 | 110 | 160 | 3,5 |     |

technische Daten / technical data

| Typ / type                                | MX3 100L1-8 |                                          |
|-------------------------------------------|-------------|------------------------------------------|
| Leistung / power                          | [kW]        | 0,75                                     |
| Drehzahl / speed                          | [upm]       | 710                                      |
| Anzahl der Pole/ number of poles          |             | 8                                        |
| Nennstrom / rated current (400V)          | [A]         | 2,15                                     |
| Leistungsfaktor / power factor            | [cos φ]     | 0,67                                     |
| Wirkungsgrad / efficiency                 | [100%]      | 75                                       |
|                                           | [75%]       | 75,1                                     |
|                                           | [50%]       | 73,8                                     |
| Schutzart / degree of protection          | [IP]        | IP55                                     |
| Drehmoment / torque                       | [Nm]        | 10,1                                     |
| Betriebsart / type of duty                |             | S1                                       |
| Iso.Kl                                    |             | ≤95                                      |
| max. Temperaturanstieg / temperature rise | [K]         | ≤75                                      |
| Frequenz / frequency                      | [Hz]        | 50/60                                    |
| Spannung / voltage                        |             | 230/400 [Δ/Y] 50Hz<br>265/460 [Δ/Y] 60Hz |
| Motorschutz / motor protection            |             | 3xPTC Kaltleiter                         |

|                                           |                     |         |
|-------------------------------------------|---------------------|---------|
| Anzugs- zu Nennstrom / starting current   | [Ia/In]             | 7,0     |
| Kipp- zu Nennmoment / pull-out torque     | [MK/Mn]             | 0,7     |
| Anzugs- zu Nennmoment / starting torque   | [Ma/Mn]             | 0,7     |
| Trägheitsmoment / moment of inertia       | [Kgm <sup>2</sup> ] | 0,00663 |
| Lager / bearing                           | [DE]                | 6206    |
|                                           | [NDE]               | 6206    |
| max. Radialbelastung / max. radial force  | [N]                 | 118,72  |
| Schalleistungspegel / noise level         | [dB]                | 59      |
| Umgebungstemperatur / ambient temperature | [°C]                | ≤40     |
| Gewicht / weight                          | [kg]                | 23,5    |
| Aufstellungshöhe / altitude               | [m]                 | ≤1000   |

Herstellungsjahr  
production year

siehe Seriennummer 1. vier Stellen  
see serial number 1. four digits