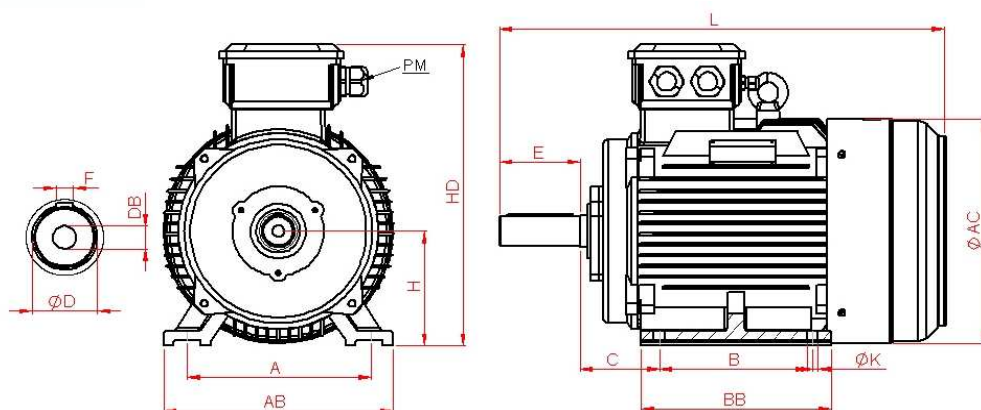
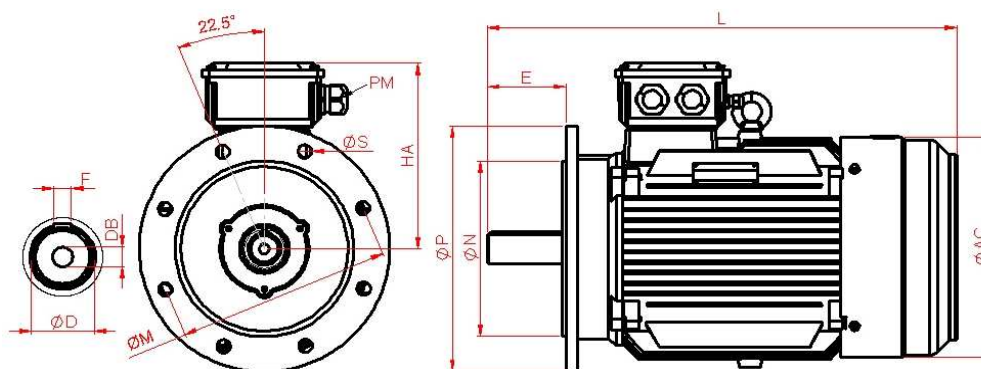




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**Maßblatt Drehstrommotor / dimensions three phase motor IM B3 [mm]**

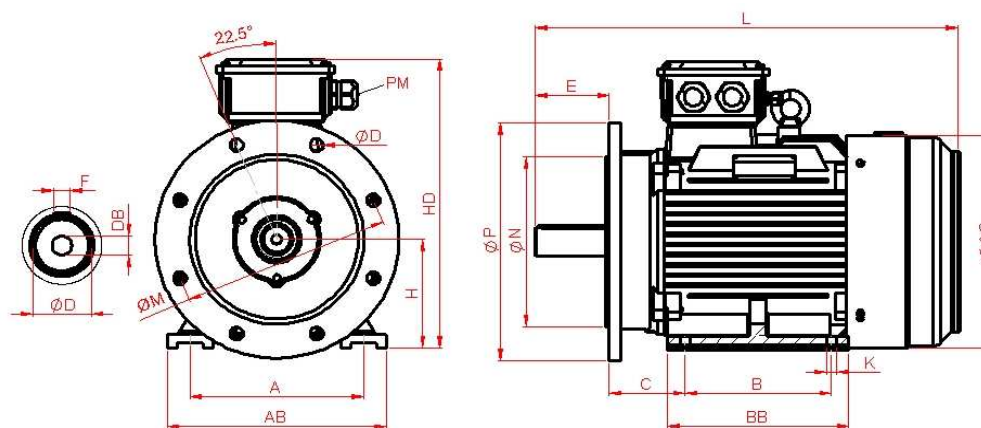
| Typ        | A   | AB  | AC  | B   | BB  | C   | PM        | ØD | DB  | E   | F  | H   | HD  | K  | L   |
|------------|-----|-----|-----|-----|-----|-----|-----------|----|-----|-----|----|-----|-----|----|-----|
| SEV-280S-4 | 457 | 550 | 580 | 368 | 490 | 190 | 2-M63x1.5 | 75 | M20 | 140 | 20 | 280 | 680 | 24 | 975 |



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

| Typ        | AC  | ØD | DB  | E   | F  | HA  | PM        | L   | ØP  | ØN  | ØM  | ØS |
|------------|-----|----|-----|-----|----|-----|-----------|-----|-----|-----|-----|----|
| SEV-280S-4 | 580 | 75 | M20 | 140 | 20 | 400 | 2-M63x1.5 | 975 | 550 | 450 | 500 | 19 |



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**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   |
|------------|-----|-----|-----|-----|-----|-----|-----------|----|-----|-----|-----|-----|-----|----|-----|
| SEV-280S-4 | 457 | 550 | 580 | 368 | 490 | 190 | 2-M63x1.5 | 75 | M20 | 140 | 20  | 280 | 680 | 24 | 975 |
|            |     |     |     |     |     |     |           |    |     |     | ØP  | ØN  | M   | ØS |     |
|            |     |     |     |     |     |     |           |    |     |     | 550 | 450 | 500 | 19 |     |

## technische Daten / technical data

| Typ / type                                   | SEV-280S-4               |                                                                        |                                              |                     |                                   |
|----------------------------------------------|--------------------------|------------------------------------------------------------------------|----------------------------------------------|---------------------|-----------------------------------|
| Leistung / power                             | [kW]                     | 75                                                                     | Anzugs- zu Nennstrom /<br>starting current   | [Ia/In]             | 6,9                               |
| Drehzahl / speed                             | [upm]                    | 1480                                                                   | 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]             | 2,0                               |
| Nennstrom / rated current (400V)             | [A]                      | 130,15                                                                 | Trägheitsmoment /<br>moment of inertia       | [Kgm <sup>2</sup> ] | 1,2451                            |
| Leistungsfaktor / power factor               | [cos φ]                  | 0,88                                                                   | Lager / bearing                              | [DE]<br>[NDE]       | 6317<br>6314                      |
| Wirkungsgrad / efficiency                    | [100%]<br>[75%]<br>[50%] | 95<br>95,2<br>93,4                                                     | max. Radialbelastung /<br>max. radial force  | [N]                 | 6190                              |
| Schutzart / degree of protection             | [IP]                     | IP55                                                                   | Schallleistungspegel /<br>noise level        | [dB]                | 86                                |
| Drehmoment / torque                          | [Nm]                     | 484,0                                                                  | Umgebungstemperatur /<br>ambient temperature | [°C]                | -15°C/+40°C                       |
| Betriebsart / type of duty                   |                          | S1                                                                     | Gewicht / weight                             | [kg]                | B3 = 590<br>B5 = 590<br>B35 = 614 |
| Iso.KI                                       |                          | F                                                                      | Aufstellungshöhe<br>altitude                 | [m]                 | ≤1000m                            |
| max. Temperaturanstieg /<br>temperature rise | [K]                      | <80K                                                                   |                                              |                     |                                   |
| Frequenz / frequency                         | [Hz]                     | 50/60 Hz                                                               |                                              |                     |                                   |
| Spannung / voltage                           |                          | 400/690 [Δ/Y] 50Hz<br>460/796 [Δ/Y] 60Hz                               |                                              |                     |                                   |
| Motorschutz / motor protection               |                          | 3 x PTC Kaltleiter                                                     |                                              |                     |                                   |
| Herstellungsjahr<br>production year          |                          | siehe Seriennummer 1. vier Stellen<br>see serial number 1. four digits |                                              |                     |                                   |