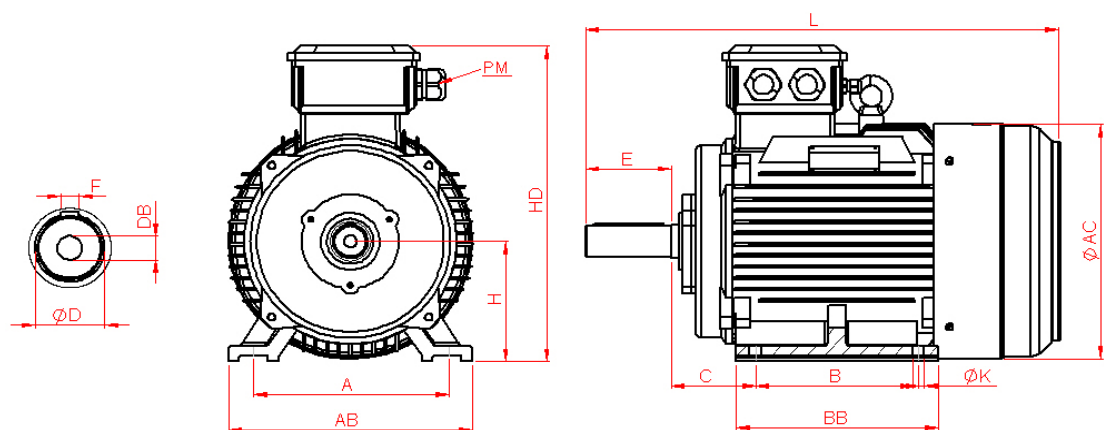


# Elektromotor, B3, B5, B35, 30 KW, 4 polig

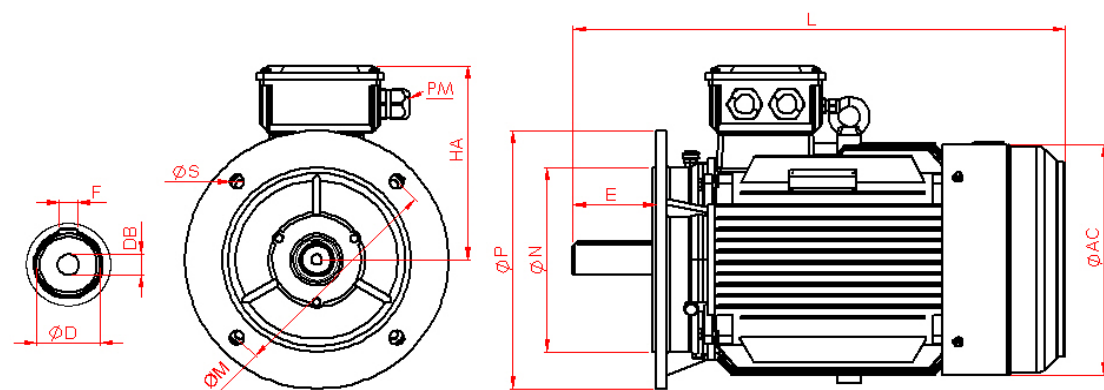
IE3



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   |
|------------|-----|-----|-----|-----|-----|-----|-----------|----|-----|-----|----|-----|-----|------|-----|
| SEV-200L-4 | 318 | 395 | 410 | 305 | 375 | 133 | 2-M50x1.5 | 55 | M20 | 110 | 16 | 200 | 505 | 18,5 | 770 |

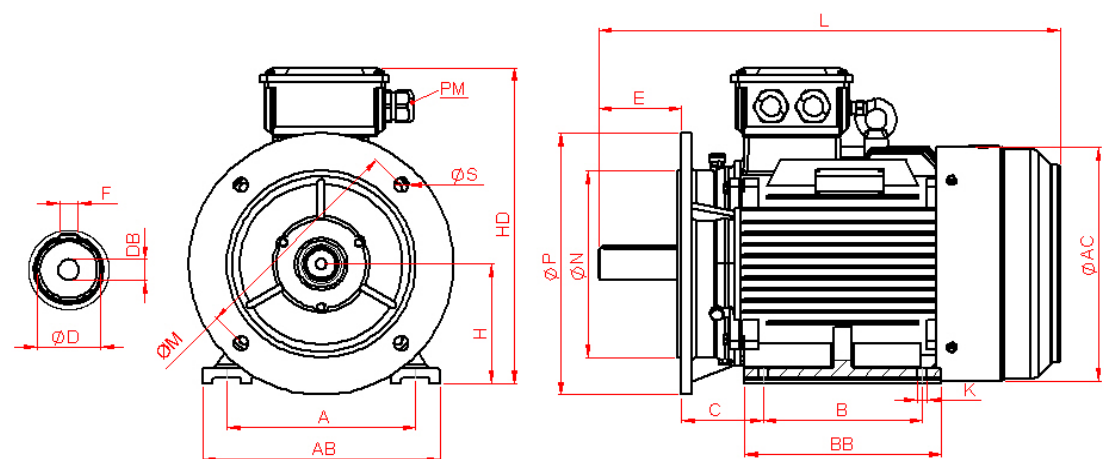


IE3

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 |
|------------|-----|----|-----|-----|----|-----|-----------|-----|-----|-----|-----|----|
| SEV-200L-4 | 410 | 55 | M20 | 110 | 16 | 305 | 2-M50x1.5 | 770 | 400 | 300 | 350 | 19 |



IE3

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   |
|------------|-----|-----|-----|-----|-----|-----|-----------|----|-----|-----|-----|-----|-----|------|-----|
| SEV-200L-4 | 318 | 395 | 410 | 305 | 375 | 133 | 2-M50x1.5 | 55 | M20 | 110 | 16  | 200 | 505 | 18,5 | 770 |
|            |     |     |     |     |     |     |           |    |     |     | ØP  | ØN  | ØM  | ØS   |     |
|            |     |     |     |     |     |     |           |    |     |     | 400 | 300 | 350 | 19   |     |

technische Daten / technical data

| Typ / type                                   | SEV-200L-4               |                                                                        |                                              |                                        |
|----------------------------------------------|--------------------------|------------------------------------------------------------------------|----------------------------------------------|----------------------------------------|
| Leistung / power                             | [kW]                     | 30                                                                     | Anzugs- zu Nennstrom /<br>starting current   | [Ia/In] 7,2                            |
| Drehzahl / speed                             | [upm]                    | 1470                                                                   | 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]                      | 54,53                                                                  | Trägheitsmoment /<br>moment of inertia       | [Kgm <sup>2</sup> ] 0,2654             |
| Leistungsfaktor / power factor               | [cos φ]                  | 0,86                                                                   | Lager / bearing                              | [DE] 6312<br>[NDE] 6212                |
| Wirkungsgrad / efficiency                    | [100%]<br>[75%]<br>[50%] | 93,6<br>94,1<br>92,6                                                   | max. Radialbelastung /<br>max. radial force  | [N] 3860                               |
| Schutzart / degree of protection             | [IP]                     | IP55                                                                   | Schallleistungspegel /<br>noise level        | [dB] 79                                |
| Drehmoment / torque                          | [Nm]                     | 194,9                                                                  | Umgebungstemperatur /<br>ambient temperature | [°C] -15°C/+40°C                       |
| Betriebsart / type of duty                   |                          | S1                                                                     | Gewicht / weight                             | [kg] B3 = 253<br>B5 = 256<br>B35 = 266 |
| Iso.Kl                                       |                          | 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 |                                              |                                        |