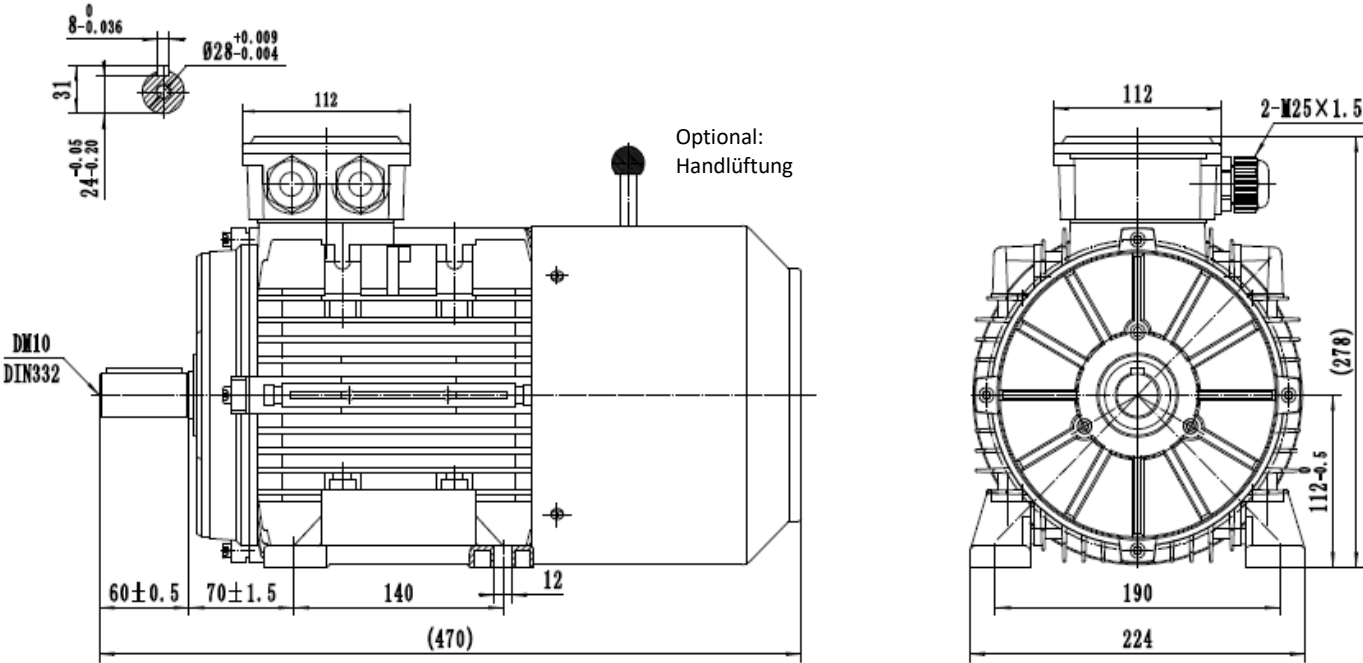


Drehstrombremsmotor / Three-Phase-Brakemotor  
IE3 - 4 kW - 4 polig / 4 pole B3



Typ / type **SEV-BM3 112M1-4**

|                                                |             |                            |                                                   |                                           |
|------------------------------------------------|-------------|----------------------------|---------------------------------------------------|-------------------------------------------|
| Gehäusematerial / frame material               |             | Aluminum                   | Nenn Drehmoment / rated torque                    | 26,34                                     |
| Ausführung / execution                         |             | Dreiphasen/ three phase    | Anzugs- zu Nennmoment / start- to rated torque    | 3,1                                       |
| Baugröße / frame size                          |             | 112                        | Kipp- zu Nennmoment / brakedown- to rated torque  | 3,7                                       |
| Leistung / power @50Hz                         | kW          | 4,00                       | min. Dreh- zu Nennmoment / min- to rated torque   | 2,6                                       |
| Nennstrom / rated current @400V                | Δ           | 7,95                       | Anzugs- zu Nennstrom / starting- to rated current | 8,6                                       |
| Nennstrom / rated current @690V                | Y           | 4,59                       | Lager / bearing (DE)                              | 6306-2RZ                                  |
| Drehzahl / speed @50Hz                         | (r/min)     | 1450                       | Lager / bearing (NDE)                             | 6206-2RZ                                  |
| Wirkungsgrad / efficiency                      | IE3         |                            | Wellendichtung / shaft seal (DE/NDE)              | 30x44x7                                   |
|                                                | Eff. 100%   | 88,60                      | Hauptkabelverschraubung / main cable glands       | 2-M25*1.5                                 |
|                                                | Eff. 75%    | 88,80                      | Isolationsklasse / insulation class               | F                                         |
|                                                | Eff. 50%    | 88,20                      | Schutzart / protection degree                     | IP 55                                     |
| Leistungsfaktor / power factor cosφ            | 100% load   | 0,82                       | Thermischer Schutz / thermal protection           | 3*PTC                                     |
|                                                | 0 Power(kW) | 4,60                       | Drehrichtung / rotation direction                 | rechts-links / clockwise-counterclockwise |
|                                                | 0 Power(kW) | 4,80                       | Einschaltdauer / service duty                     | S1                                        |
| Drehzahl / speed @60Hz                         | (r/min)     | 1740                       | Wuchtung / balance                                | Halbkeilwuchtung / half-key balanced      |
| Ausführung Bremse / execution brake            |             | BLC457-14                  | Kühlungsart / cooling                             | IC 411                                    |
| Bremsmoment / braking torque (@ 100 Upm / rpm) |             | 60                         | Lautstärke / noise dB(A)                          | 65                                        |
| Normen / regulations                           |             | IEC / DIN / ISO / VDE / EN | Nettogewicht / net weight(kg)                     | 43,01                                     |
| Standard / standard                            |             | IEC 60034                  | Massenträgheitsmoment / moment of inertia (kg*m²) | 0,015291650                               |
| Umgebungstemperatur / ambient Temp.            |             | -20°C ~ +40°C              | Aufstellungshöhe / altitute (max.)                | 1000m über Meerespiegel / above sea level |