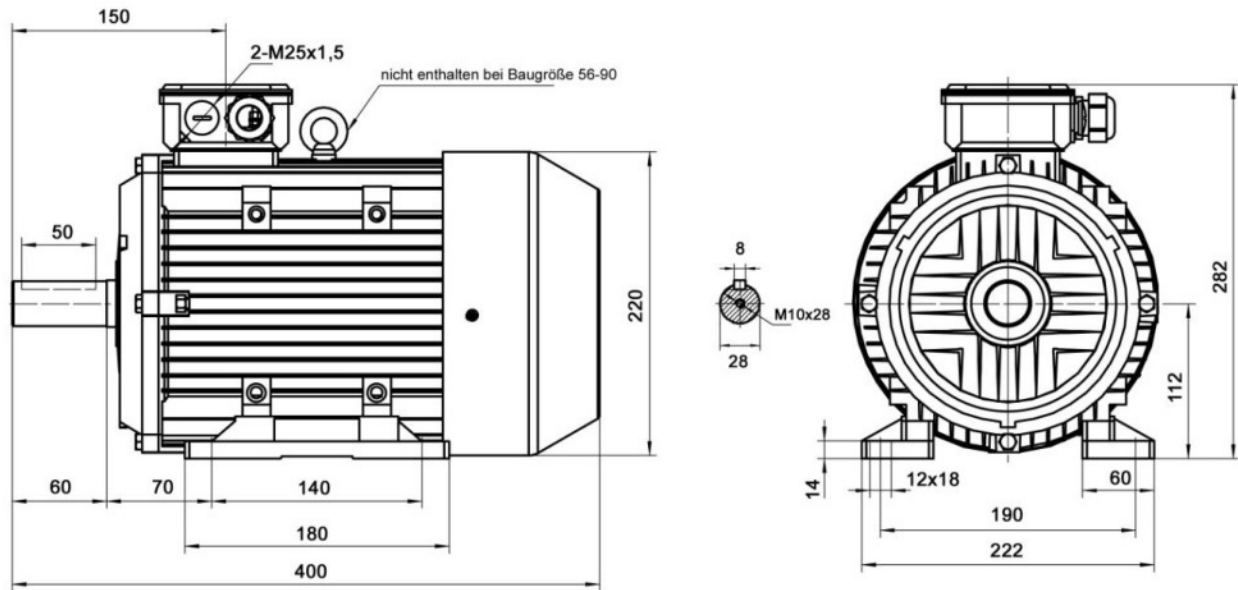


# NAH 112 M-4 IE3

Abmessungen Drehstrom-Asynchronmotor / dimensions three phase asynchron motor **IM B3** (mm)



## Technische Daten / technical dates

|                                     |                      |                    |  |                                   |                    |
|-------------------------------------|----------------------|--------------------|--|-----------------------------------|--------------------|
| Typ / type                          | <b>NAH</b>           | <b>112 M-4 IE3</b> | Nennmoment / rated torque                              | (Nm)                              | 26,5               |
| Leistung / power                    | (kW)                 | 4,0                | Anlaufstrom-Nennstrom / starting current-rated current | (Ia/I <sub>n</sub> )              | 7,0                |
| Betriebsart / duty                  |                      | S1                 | Anzugsmoment-Nennmoment starting torque-rated torque   | (M <sub>a</sub> /M <sub>n</sub> ) | 2,3                |
| Nennzahl/ speed (50 Hz)             | (min <sup>-1</sup> ) | 1440               | Kippmoment-Nennmoment Pull-out torque                  | (M <sub>k</sub> /M <sub>n</sub> ) | 3,2                |
| Nennstrom / rated current 400 V     | (A)                  | 8,14               | Massenträgheitsmoment / moment of inertia              | (kgm <sup>2</sup> )               | 0,01543            |
| Spannung / voltage (+/-5%)          | (V)                  | 230/400 (Δ/Y)      | Umgeb.-temp./ ambient temperature                      |                                   | 40°C               |
| Frequenz / frequency                | (Hz)                 | 50                 | Lager / bearing  | (DE)<br>(NDE)                     | 6306 ZZ<br>6306 ZZ |
| Wirkungsgrad / efficiency           | (%)                  | 88,7               | Schallpegel / noise level                              | dB (A)                            | 65                 |
| Leistungsfaktor / power factor      | (cos φ)              | 0,80               | Gewicht / weight                                       | (kg)                              | 38                 |
| Schutzart / protection              |                      | IP55               |  |                                   |                    |
| Isolationsklasse / insulation class |                      | F                  |  |                                   |                    |

## Schaltplan / connection diagram

