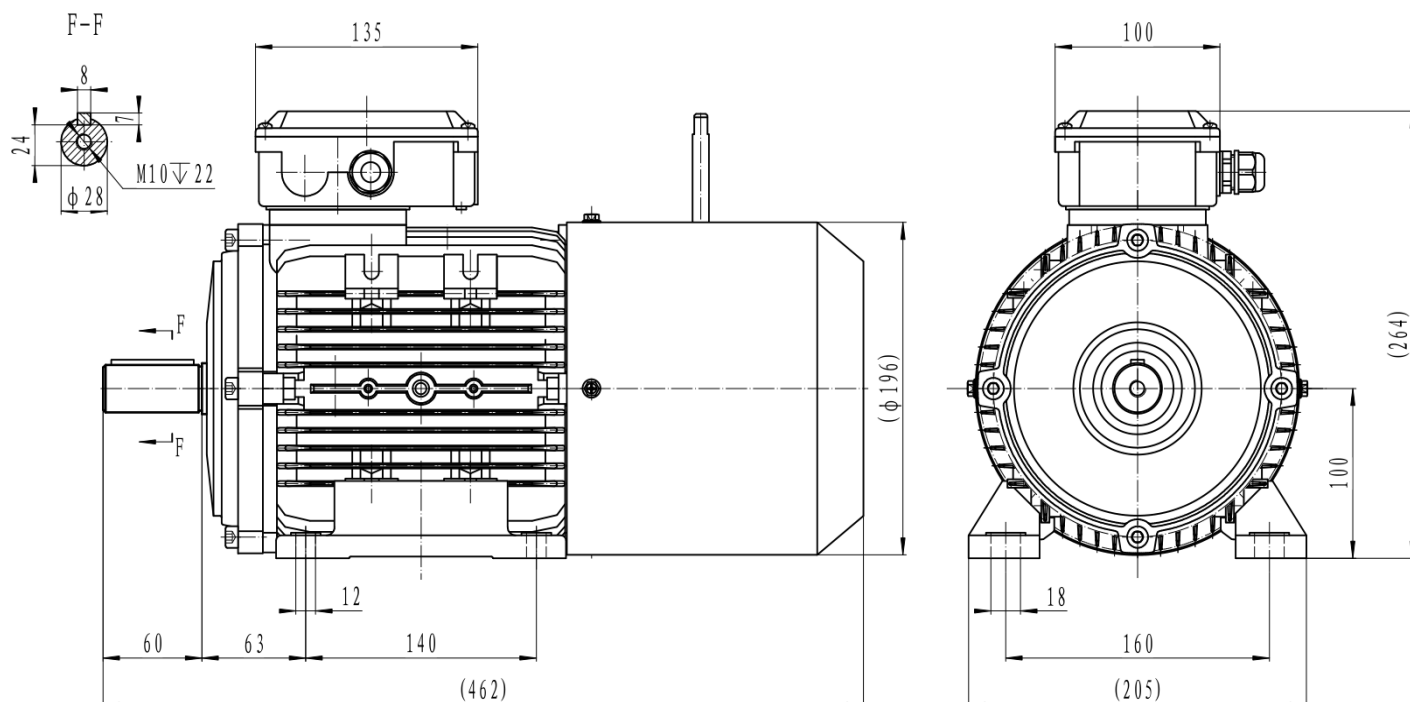


## Three Phase Brake Motors-Aluminum Frame - PM1ADC112M6 B3



| Type                   | PM1ADC112M6 PTC       |
|------------------------|-----------------------|
| Frame Size             | 112                   |
| Capacity               | 2.2kW                 |
| Speed / Pole           | 945 RPM / 6 Pole      |
| Mounting Position      | IMB3                  |
| Insulation Class       | F                     |
| Protection Class       | IP55                  |
| Duty Cycle             | S1 Continuous         |
| Temperature Rise Class | B                     |
| Ambient temp. (°C)     | 40°C                  |
| Cooling method         | IC411 self-Ventilated |
| Power Factor COS (phi) | 76.00%                |
| I-starting / I-nominal | 6                     |

| Efficiency             | IE1 Efficiency   |
|------------------------|------------------|
| T-starting / T-nominal | 2                |
| T-max/Tn               | 2                |
| Full Load Torque       | 22.23Nm          |
| Thermal protection     | PTC thermistor   |
| Noise                  | 71 dB            |
| Bearing DE             | SKF 6206 ZZC3    |
| Bearing NDE            | SKF 6206 ZZC3    |
| Weight (kg)            | 37               |
| Brake                  | INTORQ BFK457-14 |
| Brake input voltage    | 230V AC          |
| Brake output voltage   | 103V DC          |
| Brake torque           | 60Nm             |

### Electrical data:

| Rated Power (kW)      | 2.2      |      | 2.2      |      | 2.64     |      | 2.64     |      |
|-----------------------|----------|------|----------|------|----------|------|----------|------|
| Frequency (Hz)        | 50       |      | 50       |      | 60       |      | 60       |      |
| Voltage (V)           | 220      | 380  | 230      | 400  | 250      | 440  | 265      | 460  |
| Speed (RPM)           | 945      | 945  | 945      | 945  | 1134     | 1134 | 1134     | 1134 |
| Connection            | $\Delta$ | Y    | $\Delta$ | Y    | $\Delta$ | Y    | $\Delta$ | Y    |
| Full load current (A) | 9.62     | 5.57 | 9.2      | 5.29 | 9.62     | 5.57 | 9.2      | 5.29 |