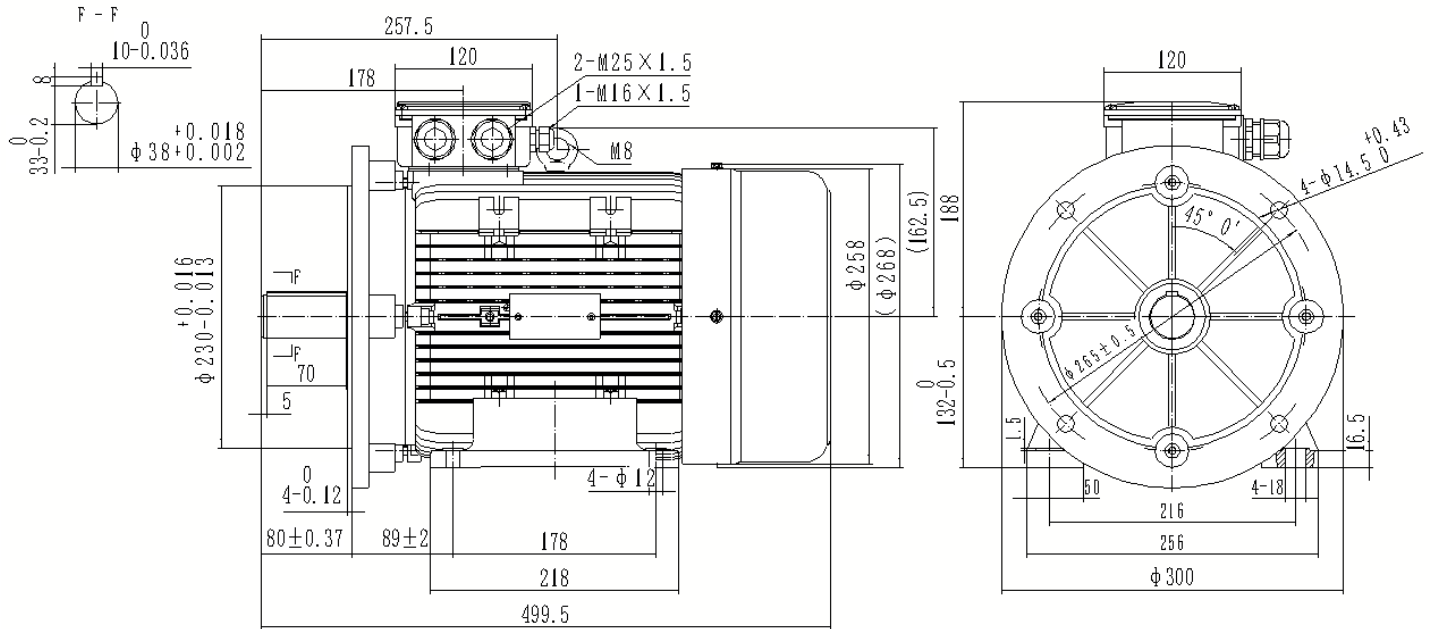


## Three Phase Electric Motors-Aluminum Frame - PM3A132M6



|                        |                       |
|------------------------|-----------------------|
| Type                   | PM2A132M6 PTC         |
| Frame Size             | 132M                  |
| Capacity               | 4 kW                  |
| Speed / Pole           | 960 RPM /6 Pole       |
| Mounting Position      | IMB35                 |
| Insulation Class       | F                     |
| Protection Class       | IP55                  |
| Duty Cycle             | S1 Continuous         |
| Temperature Rise Class | B                     |
| Ambient temp. (°C)     | 45°C                  |
| Cooling method         | IC411 self-Ventilated |

|                        |                         |
|------------------------|-------------------------|
| Efficiency             | IE2 Efficiency (84.6 %) |
| Power Factor COS (phi) | 71%                     |
| I-starting / I-nominal | 7.3                     |
| T-starting / T-nominal | 2.5                     |
| T-max/Tn               | 2.9                     |
| Full Load Torque       | 39Nm                    |
| Thermal protection     | PTC thermistor          |
| Noise                  | 59dB                    |
| Bearing DE             | SKF 6308 ZZC3           |
| Bearing NDE            | SKF 6308 ZZC3           |
| Weight (kg)            | 61                      |

### Electrical data:

|                       |     |     |     |     |      |      |      |
|-----------------------|-----|-----|-----|-----|------|------|------|
| Rated Power (kW)      | 4   | 3.9 | 4.8 | 4.7 |      |      |      |
| Frequency (Hz)        | 50  | 50  | 60  | 60  |      |      |      |
| Voltage (V)           | 400 | 690 | 380 | 660 | 480  | 830  | 440  |
| Speed (RPM)           | 960 | 960 | 960 | 960 | 1150 | 1150 | 1150 |
| Connection            | Δ   | Y   | Δ   | Y   | Δ    | Y    | Δ    |
| Full load current (A) | 9.1 | 5.3 | 9.4 | 5.4 | 9.1  | 5.3  | 9.4  |