



### Three Phase Squirrel Cage Induction Motor

**Motor Type:** Q3EPA63M2A

### Electrical Data

[illegible]

### Mechanical Data

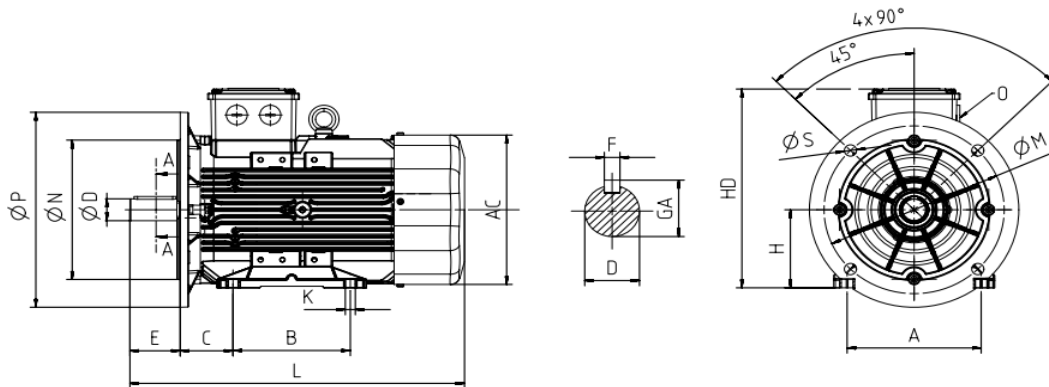
|                            |                       |                          |               |
|----------------------------|-----------------------|--------------------------|---------------|
| Bearing DE                 | 6201-ZZ               | Color                    | Optional      |
| Bearing NDE                | 6201-ZZ               | Motor protection         | Optional      |
| Lubricants                 | Shell Gadus S2 V100Q2 | Method of cooling        | IC 411        |
| Condensation drain hole    | No                    | Terminal box position    | Top           |
| External earthing terminal | Yes                   | Material of terminal box | Aluminium     |
| Vibration class            | A                     | Terminal plate thread    | M4            |
| Insulation class           | F                     | Cable gland              | 1xM20         |
| Duty type                  | S1                    | Clamping range           | 10-14 mm      |
| Direction of rotation      | Clockwise             | Mounting type            | IM 2001 (B35) |
| Housing material           | Aluminum              |                          |               |
| Type of balancing          | Half Key              |                          |               |

## Enviromental Data

## Others

|                          |               |                                       |             |
|--------------------------|---------------|---------------------------------------|-------------|
| Ambient temperature      | -20 / + 40 °C | Type of protection                    | IP56        |
| Altitude above sea level | 1000 m        | Sound pressure level 50/60Hz          | dBA 58      |
|                          |               | Moment of inertia (kgm <sup>2</sup> ) | 0,00022     |
|                          |               | Standard                              | IEC 60034-1 |
|                          |               | Weight (kg)                           | 4,4         |

## Dimensions



| Main Dimensions |     | Foot Mounted Motors |     |    |     |   |    | Shaft |    |      |   | Flange Mounted Motors |    |     |    |
|-----------------|-----|---------------------|-----|----|-----|---|----|-------|----|------|---|-----------------------|----|-----|----|
| AC              | L   | B                   | A   | H  | HD  | K | C  | D     | E  | GA   | F | P                     | N  | M   | S  |
| 123             | 220 | 80                  | 100 | 63 | 162 | 7 | 40 | 11    | 23 | 12,5 | 4 | 140                   | 95 | 115 | 10 |

B34b