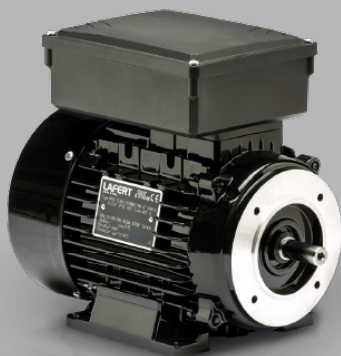




**Single-phase Motors - IE2**

**HIGH EFFICIENCY MOTORS - IE2**

- Customisation at all levels



## TECHNICAL DATA

**Motor Type**

AMMEHE 63Z XA2 - 0.12 kW - 2 poles - 230V - 50Hz

## PERFORMANCE DATA

| Type                                     | AMMEHE 63Z XA |
|------------------------------------------|---------------|
| <b>Poles</b>                             | 2             |
| <b>kW</b>                                | 0.12          |
| <b>HP</b>                                | 0.16          |
| <b>rpm</b>                               | 2850          |
| <b>Mn Nm</b>                             | 0.4           |
| $\eta$ 100%                              | 53.6          |
| <b>cos Phi</b>                           | 0.93          |
| <b>I<sub>N</sub> 230V</b>                | 0.9           |
| <b>I<sub>A</sub>/I<sub>N</sub></b>       | 3.3           |
| <b>M<sub>A</sub>/M<sub>N</sub></b>       | 1.8           |
| <b>M<sub>K</sub>/M<sub>N</sub></b>       | 1.9           |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 0.14          |
| <b>kg</b>                                | 5.0           |

# Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6202/2Z                       |
| Lubrication grease           | low & high temperature grease |
| Regreasing device horizontal | permanent lubrication         |
| Regreasing device vertical   | permanent lubrication         |
| Cooling                      | IC 411                        |
| Vibration Level              | A (normal)                    |
| Noise Lpa db(A)              | 49                            |

# Electrical Data

|                           |                |
|---------------------------|----------------|
| Voltage                   | 230V - 50Hz    |
| Connection                | 230V           |
| Running Capacitor Microf  | 4              |
| Starting Capacitor Microf | 12.5           |
| Duty type                 | S1             |
| Thermal protection        | na             |
| Insulation class          | F              |
| Direction of rotation     | bidirectional  |
| Ambient temperature       | -20°C / +40 °C |
| Altitude                  | 1000 m.a.s.l.  |