



## AC Three-phase Motors - IE4/IE3/IE2/IE1

### TWO SPEED MOTORS

- Reliability and efficiency in a well-designed robust package
- Extensive customization options ensure motors match application needs



## TECHNICAL DATA

Motor Type

AM 100L AA4/6 - 1.2/0.8 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

|                              |            |
|------------------------------|------------|
| Type                         | AM 100L AA |
| Poles                        | 4/6        |
| kW                           | 1.2/0.8    |
| HP                           | 1.6/1.07   |
| rpm                          | 1460/940   |
| Mn Nm                        | 7.8/8.1    |
| $\eta$ 100%                  | 76.0/67.9  |
| cos Phi                      | 0.66/0.7   |
| $I_N$ 400V                   | 3.5/2.5    |
| $I_N$ 380-420V               | 3.8/2.6    |
| $I_A/I_N$                    | 4.7/3      |
| $M_A/M_N$                    | 2.1/1.5    |
| J $10^{-3}$ kgm <sup>2</sup> | 4.60       |
| kg                           | 24.4       |

# Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | Aluminium                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6206/2Z                       |
| 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)              | 50                            |

# Electrical Data

|            |                   |
|------------|-------------------|
| Voltage    | 400V - 50Hz       |
| Connection | SEPARATE WINDINGS |