



## 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 90L AA4/2 - 1.2/1.55 kW - 4/2 poles - 400V - 50Hz

## PERFORMANCE DATA

|                              |           |
|------------------------------|-----------|
| Type                         | AM 90L AA |
| Poles                        | 4/2       |
| kW                           | 1.2/1.55  |
| HP                           | 1.6/2.1   |
| rpm                          | 1435/2850 |
| Mn Nm                        | 8/5.2     |
| $\eta$ 100%                  | 77.4/78.3 |
| cos Phi                      | 0.71/0.79 |
| $I_N$ 400V                   | 3.2/3.7   |
| $I_N$ 380-420V               | 3.4/3.9   |
| $I_A/I_N$                    | 4.7/5.1   |
| $M_A/M_N$                    | 2.6/2.7   |
| J $10^{-3}$ kgm <sup>2</sup> | 3.1       |
| kg                           | 15.6      |

# Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | Aluminium                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6205/2Z                       |
| 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)              | 62                            |

# Electrical Data

|            |                  |
|------------|------------------|
| Voltage    | 400V - 50Hz      |
| Connection | DAHLANDER - ?/YY |