



## 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 160L ZA8/4 - 5.9/10.3 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

|                                     |            |
|-------------------------------------|------------|
| Type                                | AM 160L ZA |
| Poles                               | 8/4        |
| kW                                  | 5.9/10.3   |
| HP                                  | 8/14       |
| rpm                                 | 725/1450   |
| Mn Nm                               | 77.7/67.8  |
| $\eta$ 100%                         | 81/87      |
| cos Phi                             | 0.66/0.88  |
| $I_N$ 400V                          | 16.1/19.5  |
| $I_N$ 380-420V                      | 17/20.4    |
| $I_A/I_N$                           | 5/6        |
| $M_A/M_N$                           | 1.9/1.6    |
| J 10 <sup>-3</sup> kgm <sup>2</sup> | 127.5      |
| kg                                  | 110.5      |

# Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | Aluminium                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6309/2Z                       |
| 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 |