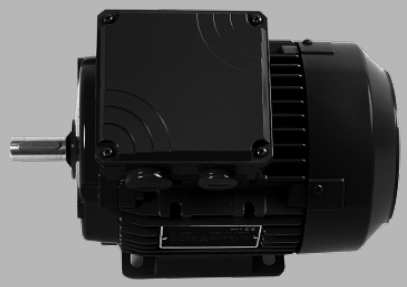
LAFERTGROUP
Member of Sumitomo Drive Technologies



**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 BA8/4 - 0.5/1 kW - 8/4 poles - 400V - 50Hz |

# PERFORMANCE DATA

| | |
|---|---|
| **Type** | AM 90L BA |
| **Poles** | 8/4 |
| **kW** | 0.5/1 |
| **HP** | 0.67/1.34 |
| **rpm** | 690/1410 |
| **Mn Nm** | 6.9/6.8 |
| **$\eta$ 100%** | 52.2/72.5 |
| **cos Phi** | 0.58/0.8 |
| **$I_N$ 400V** | 2.4/2.4 |
| **$I_N$ 380-420V** | 2.5/2.5 |
| **$I_A/I_N$** | 3.3/4 |
| **$M_A/M_N$** | 2.3/1.9 |
| **J 10-³ kgm²** | 4.78 |
| **kg** | 15.7 |

## 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)** | 49 |

## Electrical Data

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