



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

AMV 100L AA8/4 - 0.45/2.2 kW - 8/4 poles - 400V - 50Hz

PERFORMANCE DATA

| | |
|------------------------------|-------------|
| Type | AMV 100L AA |
| Poles | 8/4 |
| kW | 0.45/2.2 |
| HP | 0.6/3 |
| rpm | 680/1420 |
| Mn Nm | 6.3/14.8 |
| η 100% | 63.1/75.3 |
| cos Phi | 0.6/0.8 |
| I_N 400V | 1.7/5 |
| I_N 380-420V | 1.9/5.3 |
| I_A/I_N | 2.7/4.7 |
| M_A/M_N | 1.7/2 |
| J 10^{-3} kgm ² | 5.58 |
| kg | 21.9 |

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 | DAHLANDER - Y/YY |