



## 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 AA4/2 - 0.5/2.5 kW - 4/2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 100L AA
Poles	4/2
kW	0.5/2.5
HP	0.67/3.3
rpm	1430/2840
Mn Nm	3.3/8.4
$\eta$ 100%	72/73
cos Phi	0.77/0.88
$I_N$ 400V	1.3/5.3
$I_N$ 380-420V	1.4/5.6
$I_A/I_N$	4.6/5
$M_A/M_N$	2.2/2.3
J $10^{-3}$ kgm <sup>2</sup>	4.6
kg	21.4

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6206/2Z
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device horizontal</b>	permanent lubrication
<b>Regreasing device vertical</b>	permanent lubrication
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)
<b>Noise Lpa db(A)</b>	66

## Electrical Data

<b>Voltage</b>	400V - 50Hz
<b>Connection</b>	DAHLANDER - Y/YY