



### 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 112M AA8/4 - 0.7/3.3 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 112M AA
Poles	8/4
kW	0.7/3.3
HP	0.94/4.5
rpm	690/1420
Mn Nm	9.7/22.2
$\eta$ 100%	62/78
cos Phi	0.7/0.8
$I_N$ 400V	2.2/7.4
$I_N$ 380-420V	2.3/7.6
$I_A/I_N$	3.4/6.5
$M_A/M_N$	1.8/2.4
J $10^{-3}$ kgm <sup>2</sup>	16.7
kg	34.2

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6306/2Z
<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>	53

## Electrical Data

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