



## 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 112M BA8/4 - 1.3/2.6 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 112M BA
Poles	8/4
kW	1.3/2.6
HP	1.75/3.5
rpm	705/1420
Mn Nm	17.6/17.5
$\eta$ 100%	70/76.3
cos Phi	0.65/0.88
$I_N$ 400V	4.6/5.7
$I_N$ 380-420V	4.8/5.9
$I_A/I_N$	3.2/4.8
$M_A/M_N$	2.1/2
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 - ?/YY