



## 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 90S AA8/4 - 0.37/0.75 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 90S AA
Poles	8/4
kW	0.37/0.75
HP	0.5/1
rpm	690/1385
Mn Nm	5.1/5.2
$\eta$ 100%	52.2/67.1
cos Phi	0.58/0.82
$I_N$ 400V	1.8/2
$I_N$ 380-420V	1.9/2.1
$I_A/I_N$	2.8/3.9
$M_A/M_N$	1.9/1.8
J $10^{-3}$ kgm <sup>2</sup>	3.18
kg	13.5

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6205/2Z
<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>	49

## Electrical Data

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