



## 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 90L BA8/4 - 0.5/1 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 90L BA
Poles	8/4
kW	0.5/1
HP	0.67/1.34
rpm	690/1410
Mn Nm	6.9/6.8
$\eta$ 100%	52.2/72.5
cos Phi	0.58/0.8
$I_N$ 400V	2.4/2.4
$I_N$ 380-420V	2.5/2.5
$I_A/I_N$	3.3/4
$M_A/M_N$	2.3/1.9
J $10^{-3}$ kgm <sup>2</sup>	4.78
kg	15.7

## 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