



## 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 100L AA4/6 - 1.2/0.8 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 100L AA
Poles	4/6
kW	1.2/0.8
HP	1.6/1.07
rpm	1460/940
Mn Nm	7.8/8.1
$\eta$ 100%	76.0/67.9
cos Phi	0.66/0.7
$I_N$ 400V	3.5/2.5
$I_N$ 380-420V	3.8/2.6
$I_A/I_N$	4.7/3
$M_A/M_N$	2.1/1.5
J $10^{-3}$ kgm <sup>2</sup>	4.60
kg	24.4

## 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>	50

## Electrical Data

<b>Voltage</b>	400V - 50Hz
<b>Connection</b>	SEPARATE WINDINGS