



## 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 BA4/6 - 1.6/1 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

<b>Type</b>	AM 100L BA
<b>Poles</b>	4/6
<b>kW</b>	1.6/1
<b>HP</b>	2.15/1.34
<b>rpm</b>	1445/935
<b>Mn Nm</b>	10.6/10.2
$\eta$ 100%	77.6/69.5
<b>cos Phi</b>	0.73/0.63
<b>I<sub>N</sub> 400V</b>	4.1/3.3
<b>I<sub>N</sub> 380-420V</b>	4.3/3.5
<b>I<sub>A</sub>/I<sub>N</sub></b>	5.8/3
<b>M<sub>A</sub>/M<sub>N</sub></b>	2.8/1.7
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	5.58
<b>kg</b>	33.2

## 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