



### 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 BA6/8 - 1.5/0.75 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 112M BA
Poles	6/8
kW	1.5/0.75
HP	2/1
rpm	970/720
Mn Nm	14.8/9.9
$\eta$ 100%	75.3/64.6
cos Phi	0.66/0.6
$I_N$ 400V	4.4/2.8
$I_N$ 380-420V	4.6/3
$I_A/I_N$	4.6/3.8
$M_A/M_N$	2.2/2.1
J $10^{-3}$ kgm <sup>2</sup>	18.7
kg	36.2

## 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>	SEPARATE WINDINGS