



### 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 80Z AA6/8 - 0.37/0.18 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 80Z AA
Poles	6/8
kW	0.37/0.18
HP	0.5/0.25
rpm	915/700
Mn Nm	3.9/2.5
$\eta$ 100%	51.1/44.2
cos Phi	0.81/0.65
$I_N$ 400V	1.3/1
$I_N$ 380-420V	1.4/1
$I_A/I_N$	2.8/2.5
$M_A/M_N$	1.4/1.7
J $10^{-3}$ kgm <sup>2</sup>	2.47
kg	9.5

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6204/2Z
<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>	40

## Electrical Data

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