



## 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 BA4/6 - 0.55/0.37 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 80Z BA
Poles	4/6
kW	0.55/0.37
HP	0.75/0.5
rpm	1380/900
Mn Nm	3.8/3.9
$\eta$ 100%	60.5/51.1
cos Phi	0.64/0.82
$I_N$ 400V	1.5/1.3
$I_N$ 380-420V	1.6/1.4
$I_A/I_N$	3.7/2.7
$M_A/M_N$	1.6/1.2
J $10^{-3}$ kgm <sup>2</sup>	2.47
kg	10.0

## 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>	48

## Electrical Data

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