



### 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 160M ZA4/6 - 7.5/4.8 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 160M ZA
Poles	4/6
kW	7.5/4.8
HP	10.2/6.5
rpm	1465/960
Mn Nm	48.9/47.7
$\eta$ 100%	85/82.6
cos Phi	0.83/0.75
$I_N$ 400V	15.4/11.2
$I_N$ 380-420V	15.8/11.5
$I_A/I_N$	7.4/4.6
$M_A/M_N$	2.4/1.6
J $10^{-3}$ kgm <sup>2</sup>	81.25
kg	88.5

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6309/2Z
<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>	62

## Electrical Data

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