



## 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 160L ZA6/8 - 5.9/3.3 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 160L ZA
Poles	6/8
kW	5.9/3.3
HP	8/4.5
rpm	970/730
Mn Nm	58.1/43.2
$\eta$ 100%	83.2/73
cos Phi	0.76/0.6
$I_N$ 400V	13.5/10.9
$I_N$ 380-420V	14.5/11.4
$I_A/I_N$	6.5/5
$M_A/M_N$	2.2/2.1
J $10^{-3}$ kgm <sup>2</sup>	150.25
kg	97.5

## 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>	58

## Electrical Data

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