



## 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

AMV 160M ZA6/8 - 7/3 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 160M ZA
Poles	6/8
kW	7/3
HP	9.5/4.1
rpm	970/730
Mn Nm	68.9/39.2
$\eta$ 100%	84/77
cos Phi	0.8/0.65
$I_N$ 400V	15.0/8.7
$I_N$ 380-420V	16.0/9.3
$I_A/I_N$	6.0/5.8
$M_A/M_N$	1.7/2.2
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