



### 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 132M ZA6/8 - 4.0/1.6 kW - 6/8 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 132M ZA
Poles	6/8
kW	4.0/1.6
HP	5.5/2.2
rpm	960/715
Mn Nm	39.8/21.4
$\eta$ 100%	81/74
cos Phi	0.78/0.6
$I_N$ 400V	9.2/5.2
$I_N$ 380-420V	9.8/5.6
$I_A/I_N$	5.3/4.4
$M_A/M_N$	1.7/1.7
J $10^{-3}$ kgm <sup>2</sup>	44.5
kg	64.1

## Mechanical Data

<b>Design</b>	Aluminium
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6208/2Z
<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>	57

## Electrical Data

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