



## 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 ZA8/4 - 2.2/10 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMV 160M ZA
Poles	8/4
kW	2.2/10
HP	41334
rpm	720/1450
Mn Nm	29.2/65.9
$\eta$ 100%	80/88
cos Phi	0.61/0.83
$I_N$ 400V	6.6/19.9
$I_N$ 380-420V	6.8/20.4
$I_A/I_N$	3.5/6
$M_A/M_N$	1.8/1.7
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>	DAHLANDER - Y/YY