



### 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 132S ZA8/4 - 2.1/3.7 kW - 8/4 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 132S ZA
Poles	8/4
kW	2.1/3.7
HP	2.9/5
rpm	710/1440
Mn Nm	28.2/24.5
$\eta$ 100%	70.2/76.1
cos Phi	0.66/0.84
$I_N$ 400V	6.5/8.4
$I_N$ 380-420V	6.7/8.6
$I_A/I_N$	4/5.2
$M_A/M_N$	1.9/1.7
J $10^{-3}$ kgm <sup>2</sup>	29.5
kg	42.5

## 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>	59

## Electrical Data

<b>Voltage</b>	400V - 50Hz
<b>Connection</b>	DAHLANDER - ?/YY