



### AC Three-phase Motors - IE4/IE3/IE2/IE1

#### STANDARD EFFICIENCY MOTORS - IE1

- Reliability and efficiency in a well-designed robust package
- Extensive customization options ensure motors match application needs



## TECHNICAL DATA

Motor Type

AM 132S ZA6 - 3 kW - 6 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AM 132S ZA
Poles	6
kW	3
HP	4
rpm	950
Mn Nm	30.2
$\eta$ 50%	79.5
$\eta$ 75%	81.5
$\eta$ 100%	81.3
cos Phi	0.72
$I_N$ 400V	7.4
$I_N$ 380-420V	7.5
$I_A/I_N$	4.9
$M_A/M_N$	2.0

<b>M<sub>S</sub>/M<sub>N</sub></b>	1.8
<b>M<sub>K</sub>/M<sub>N</sub></b>	2.4
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	21.4
<b>kg</b>	36.7

## 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>	?/Y 230/400V
<b>Duty type</b>	S1
<b>Thermal protection</b>	na
<b>Insulation class</b>	F
<b>Direction of rotation</b>	bidirectional
<b>Ambient temperature</b>	-20°C / +40 °C
<b>Altitude</b>	1000 m.a.s.l.