



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
η 50%	79.5
η 75%	81.5
η 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

M_S/M_N	1.8
M_K/M_N	2.4
$J \cdot 10^{-3} \text{ kgm}^2$	21.4
kg	36.7

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6208/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	57

Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 230/400V
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.