



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 132M RA2 - 11 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 132M RA
Poles	2
kW	11
HP	15
rpm	2880
Mn Nm	36.5
η 50%	87.1
η 75%	88.1
η 100%	88.0
cos Phi	0.85
I _N 400V	21.3
I _N 380-420V	21.7
I _A /I _N	6.9
M _A /M _N	3.2

M_S/M_N	2.8
M_K/M_N	3.8
$J \cdot 10^{-3} \text{ kgm}^2$	16.0
kg	52.5

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)	72

Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 400/690V
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.