



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 TA2 - 15 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 132M TA
Poles	2
kW	15
HP	20
rpm	2920
Mn Nm	49.1
η 50%	86.4
η 75%	88.6
η 100%	88.9
cos Phi	0.83
I_N 400V	29.5
I_N 380-420V	30.5
I_A/I_N	7.0
M_A/M_N	3.2

M_S/M_N	2.8
M_K/M_N	3.7
J 10⁻³ kgm²	21.2
kg	59.0

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.