



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 56Z AA4 - 0.06 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 56Z AA
Poles	4
kW	0.06
HP	0.08
rpm	1300
Mn Nm	0.4
η 50%	42.0
η 75%	44.0
η 100%	48.0
cos Phi	0.70
I_N 400V	0.28
I_N 380-420V	0.32
I_A/I_N	2.6
M_A/M_N	2.1

M_S/M_N	2.0
M_K/M_N	2.1
J 10⁻³ kgm²	0.14
kg	2.7

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6201/2Z
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)	38

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.