



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 71Z AA2 - 0.37 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 71Z AA
Poles	2
kW	0.37
HP	0.5
rpm	2820
Mn Nm	1.3
η 50%	58.0
η 75%	64.0
η 100%	70.0
cos Phi	0.78
I_N 400V	1.0
I_N 380-420V	1.2
I_A/I_N	4.7
M_A/M_N	3.6

M_S/M_N	3.4
M_K/M_N	3.6
J 10⁻³ kgm²	0.32
kg	5.8

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6203/2Z
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)	52

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.