



AC Three-phase Motors - IE4/IE3/IE2/IE1

HIGH EFFICIENCY MOTORS - IE2/CURUS

- Total reliability and longevity in a well-engineered package
- Extensive customization options ensure motors match application needs



TECHNICAL DATA

Motor Type AMEE 112M AA6 - 2.2 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMEE 112M AA
Poles	6
kW	2.2
HP	3
rpm	960
Mn Nm	21.9
η 50%	79.4
η 75%	81.0
η 100%	81.8
cos Phi	0.73
I_N	5.3
I_A/I_N	6.1
M_A/M_N	3.1
M_S/M_N	2.2

M_K/M_N	3.1
J 10⁻³ kgm²	18.7
kg	39.0

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6306/2Z
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)	53

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.