



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

AMHE 112M AA2 - 4 kW - 2 poles - 400V - 50Hz / 460V - 60Hz

PERFORMANCE DATA

Type	AMHE 112M AA
Poles	2
kW	4
HP	5.5
rpm	2940
Mn Nm	13.0
η 50%	85.5
η 75%	87.0
η 100%	86.8
cos Phi	0.88
I_N	7.6
I_A/I_N	10.7
M_A/M_N	2.9

M_S/M_N	2.1
M_K/M_N	3.3
$J \cdot 10^{-3} \text{ kgm}^2$	6.48
kg	27.4

Electrical Data

Voltage	400V - 50Hz / 460V - 60Hz
Connection	?/Y 230/400V - ?/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.