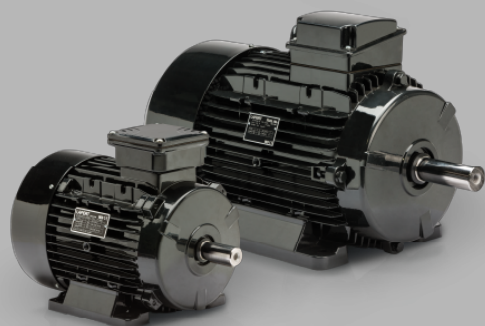




AC Three-phase Motors - IE4/IE3/IE2/IE1

PREMIUM EFFICIENCY MOTORS - IE3/CURUS

- IE3 Premium Efficiency compliant since 2010
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs



TECHNICAL DATA

Motor Type

AMPE 112M BA4 - 4 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPE 112M BA
Poles	4
kW	4
HP	5.5
rpm	1450
Mn Nm	26.4
η 50%	87.2
η 75%	88.3
η 100%	88.6
cos Phi	0.80
I_N	8.2
I_A/I_N	8.5
M_A/M_N	2.7
M_S/M_N	2.4

M_K/M_N	3.5
J 10⁻³ kgm²	16.4
kg	36

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
Grease Quantity	-
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	53

Electrical Data

Voltage	400V - 50Hz
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.