



Brake Motors - IE3/IE2/IE1

PREMIUM EFFICIENCY MOTORS - IE3

- Options make motors suitable for either onshore or offshore duties
- Engineered to give high performance with maximum efficiency
- Reliability & durability ensured through total control over component supply chains



TECHNICAL DATA

Motor Type

AMPEBY 112M AA2 - 4 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPEBY 112M AA
Poles	2
kW	4
HP	5.5
rpm	2910
Mn Nm	13.1
η 50%	86.8
η 75%	87.8
η 100%	88.1
cos Phi	0.93
I_N	7.0
I_A/I_N	9.6
M_A/M_N	3.6
M_K/M_N	4.0

J 10⁻³ kgm²	9.8
Mb max Nm	13
zL ¹⁾ c/h	630
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
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	68

Electrical Data

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