



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

AMPES 112M AA4 - 4 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPES 112M AA
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_K/M_N	3.5

J 10⁻³ kgm²	15.1
Mb max Nm	13
zL 1) c/h	1410
kg	36.5

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.