



Brake Motors - IE3/IE2/IE1

STANDARD EFFICIENCY MOTORS - IE1

- 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

AMS 112M AA6 - 2.2 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 112M AA
Poles	6
kW	2.2
HP	3
rpm	940
Mn Nm	22.4
η 50%	77
η 75%	79
η 100%	78
cos Phi	0.74
I_N 400 V	5.3
I_N 380-400 V	5.4
I_A/I_N	4.4
M_A/M_N	2.4

M_K/M_N	2.6
J 10 ⁻³ kgm ²	16
Mb max Nm	13
zL ¹⁾ c/h	2650
kg	30.7

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.