



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 AA8 - 1.5 kW - 8 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 112M AA
Poles	8
kW	1.5
HP	2
rpm	695
Mn Nm	20.6
η 50%	66
η 75%	69
η 100%	70
cos Phi	0.66
I_N 400 V	4.6
I_N 380-400 V	4.8
I_A/I_N	4
M_A/M_N	1.8

M_K/M_N	2.4
J 10 ⁻³ kgm ²	18.3
Mb max Nm	13
zL ¹⁾ c/h	3150
kg	39.7

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)	46

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.