



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

AMBY 112M CA2 - 7.5 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMBY 112M CA
Poles	2
kW	7.5
HP	10
rpm	2900
Mn Nm	24.7
η 50%	86.7
η 75%	87.8
η 100%	87.1
cos Phi	0.87
I_N 400 V	14.3
I_N 380-400 V	14.8
I_A/I_N	8.7
M_A/M_N	4

M_K/M_N	4
J 10 ⁻³ kgm ²	8.8
Mb max Nm	75
zL ¹⁾ c/h	900
kg	46.5

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 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.