



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

AMBZ100L CA2 - 5.5 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMBZ100L CA
Poles	2
kW	5.5
HP	7.5
rpm	2865
Mn Nm	18.33
η 50%	83.7
η 75%	84.6
η 100%	83.3
cos Phi	0.86
I_N 400 V	11.1
I_N 380-400 V	11.3
I_A/I_N	7.2
M_A/M_N	3.5

M_K/M_N	4.1
J 10 ⁻³ kgm ²	4.26
Mb max Nm	40(75) ²)
zL ¹) c/h	2230
kg	35.2

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
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)	66

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.