



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

IE3

UL

SE

CCC

TECHNICAL DATA

Motor Type

AMPEBY 160M YA2 - 11 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPEBY 160M YA
Poles	2
kW	11
HP	15
rpm	2950
Mn Nm	35.6
η 50%	87.4
η 75%	89.8
η 100%	91.2
cos Phi	0.89
I_N	19.7
I_A/I_N	9.1
M_A/M_N	4.0
M_K/M_N	4.2

J 10⁻³ kgm²	48.1
Mb max Nm	30
zL ¹⁾ c/h	315
kg	87

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6309/2Z
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)	74

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.