



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 100L BA6 - 1.8 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 100L BA
Poles	6
kW	1.8
HP	2.5
rpm	940
Mn Nm	18.3
η 50%	74.6
η 75%	77.1
η 100%	76.6
cos Phi	0.67
I_N 400 V	5.1
I_N 380-400 V	5.3
I_A/I_N	4.2
M_A/M_N	2.4

M_K/M_N	2.8
J 10 ⁻³ kgm ²	12
Mb max Nm	13
zL ¹⁾ c/h	3750
kg	26.3

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)	51

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.