



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 AA6 - 1.5 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 100L AA
Poles	6
kW	1.5
HP	2
rpm	930
Mn Nm	15.4
η 50%	73.3
η 75%	75.8
η 100%	75.3
cos Phi	0.69
I_N 400 V	4.2
I_N 380-400 V	4.4
I_A/I_N	3.7
M_A/M_N	1.8

M_K/M_N	2.3
$J \cdot 10^{-3} \text{ kgm}^2$	9
$M_b \text{ max Nm}$	13
$zL^{-1} \text{ c/h}$	4500
kg	21.8

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.