



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 80Z AA6 - 0.37 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 80Z AA
Poles	6
kW	0.37
HP	0.5
rpm	920
Mn Nm	3.84
η 50%	47
η 75%	58
η 100%	60
cos Phi	0.7
I_N 400 V	1.25
I_N 380-400 V	1.3
I_A/I_N	2.7
M_A/M_N	1.6

M_K/M_N	2.1
J 10⁻³ kgm²	2.82
Mb max Nm	7
zL 1) c/h	6300
kg	10.8

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6204/2Z
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)	40

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.