



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 71Z AA2 - 0.37 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMS 71Z AA
Poles	2
kW	0.37
HP	0.5
rpm	2820
Mn Nm	1.25
η 50%	58
η 75%	64
η 100%	70
cos Phi	0.78
I _N 400 V	1
I _N 380-400 V	1.2
I _A /I _N	4.7
M _A /M _N	3.6

M_K/M_N	3.6
J 10 ⁻³ kgm ²	0.81
Mb max Nm	4
zL ¹⁾ c/h	2650
kg	7.6

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6203/2Z
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)	52

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.