



Brake Motors - IE3/IE2/IE1

HIGH EFFICIENCY MOTORS - IE2

- 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

AMHES 63Z AA2 - 0.18 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMHES 63Z AA
Poles	2
kW	0.18
HP	0.25
rpm	2720
Mn Nm	0.6
η 50%	53.8
η 75%	59.7
η 100%	60.4
cos Phi	0.76
I_N	0.6
I_A/I_N	3.7
M_A/M_N	3.0
M_K/M_N	3.1

J 10⁻³ kgm²	0.43
Mb max Nm	3
zL ¹⁾ c/h	3550
kg	5.1

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6202/2Z
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)	49

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.