



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 80Z AA4 - 0.75 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMHES 80Z AA
Poles	4
kW	0.75
HP	1
rpm	1430
Mn Nm	5
η 50%	79.2
η 75%	80.3
η 100%	80.2
cos Phi	0.76
I_N	1.8
I_A/I_N	5.5
M_A/M_N	2.8
M_K/M_N	3

J 10⁻³ kgm²	3.5
Mb max Nm	7
zL 1) c/h	3500
kg	14.3

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)	48

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.