



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 132S TA2 - 7.5 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMHES 132S TA
Poles	2
kW	7.5
HP	10
rpm	2900
Mn Nm	24.7
η 50%	86.3
η 75%	88.6
η 100%	88.4
cos Phi	0.89
I_N	13.8
I_A/I_N	7.5
M_A/M_N	2.8
M_K/M_N	3.3

J 10⁻³ kgm²	20.7
Mb max Nm	30
zL ¹⁾ c/h	380
kg	62

Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6208/2Z
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)	72

Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 400/690V
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.