



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

AMBY 132M ZA8 - 3 kW - 8 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMBY 132M ZA
Poles	8
kW	3
HP	4
rpm	710
Mn Nm	40.4
η 50%	81.3
η 75%	82
η 100%	79.8
cos Phi	0.67
I_N 400 V	8.1
I_N 380-400 V	8.4
I_A/I_N	3.6
M_A/M_N	1.7

M_K/M_N	1.9
$J \cdot 10^{-3} \text{ kgm}^2$	39.7
$M_b \text{ max Nm}$	150
$zL^{-1}) \text{ c/h}$	2240
kg	76

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)	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.