



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMHE 63Z BA2 - 0.25 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMHE 63Z BA
Poles	2
kW	0.25
HP	0.33
rpm	2780
Mn Nm	0.9
η 100%	64.8
cos Phi	0.99
I_N 230V	1.7
I_A/I_N	2.9
M_A/M_N	0.9
M_K/M_N	1.7
J 10^{-3} kgm ²	0.18
kg	5.7

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	230V - 50Hz
Connection	230V
Running Capacitor Microf	8
Starting Capacitor Microf	-
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.