



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMHE 63Z XA2 - 0.12 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMHE 63Z XA
Poles	2
kW	0.12
HP	0.16
rpm	2850
Mn Nm	0.4
η 100%	53.6
cos Phi	0.93
I_N 230V	0.9
I_A/I_N	3.3
M_A/M_N	0.9
M_K/M_N	1.9
$J \cdot 10^{-3} \text{ kgm}^2$	0.14
kg	5.0

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	4
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.