



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMEHE 56Z AA2 - 0.12 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 56Z AA
Poles	2
kW	0.12
HP	0.16
rpm	2700
Mn Nm	0.4
η 100%	53.6
cos Phi	0.98
I_N 230V	0.9
I_A/I_N	2.5
M_A/M_N	2.6
M_K/M_N	1.6
J 10^{-3} kgm²	0.12
kg	3.9

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6201/2Z
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	230V - 50Hz
Connection	230V
Running Capacitor Microf	5
Starting Capacitor Microf	16
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.