



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMEHE 80Z AA4 - 0.37 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 80Z AA
Poles	4
kW	0.37
HP	0.5
rpm	1445
Mn Nm	2.4
η 100%	72.70
cos Phi	0.97
I_N 230V	2.2
I_A/I_N	4.2
M_A/M_N	2.1
M_K/M_N	1.7
J 10^{-3} kgm ²	2.70
kg	12.8

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6204/2Z
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	10
Starting Capacitor Microf	30 - 36
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.