



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMEHE 80Z BA4 - 0.55 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 80Z BA
Poles	4
kW	0.55
HP	0.75
rpm	1450
Mn Nm	3.6
η 100%	77.10
cos Phi	0.91
I_N 230V	3.4
I_A/I_N	4.7
M_A/M_N	2.3
M_K/M_N	1.9
J 10^{-3} kgm²	2.80
kg	13.1

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	14
Starting Capacitor Microf	53 - 64
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.