



AC Three-phase Motors - IE4/IE3/IE2/IE1

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMEHE 80Z AA2 - 0.75 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 80Z AA
Poles	2
kW	0.75
HP	1.0
rpm	2850
Mn Nm	2.5
η 100%	77.4
cos Phi	0.96
I_N 230V	4.3
I_A/I_N	5.6
M_A/M_N	3.2
M_K/M_N	2.2
J 10^{-3} kgm ²	1.08
kg	11.8

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)	60

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	31.5
Starting Capacitor Microf	124 - 149
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.