



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 80Z BA2 - 1.1 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 80Z BA
Poles	2
kW	1.1
HP	1.5
rpm	2730
η 100%	74
cos Phi	0.97
I_N 230V	6.5
I_N 220-240V	6.6
I_A/I_N	4.0
M_A/M_N	2.9
M_K/M_N	1.6
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	36
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.