



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 90S AA2 - 1.1 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 90S AA
Poles	2
kW	1.1
HP	1.5
rpm	2830
η 100%	68
cos Phi	0.94
I_N 230V	7.5
I_N 220-240V	8
I_A/I_N	5.2
M_A/M_N	2.4
M_K/M_N	2.0
J 10 ⁻³ kgm ²	1.62
kg	15.3

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6205/2Z
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)	62

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	31.5
Starting Capacitor Microf	108 - 130
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.