



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 100L AA2 - 2.2 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 100L AA
Poles	2
kW	2.2
HP	3
rpm	2795
η 100%	75
cos Phi	0.98
I_N 230V	12.8
I_N 220-240V	13.1
I_A/I_N	4.3
M_A/M_N	1.8
M_K/M_N	1.8
$J \cdot 10^{-3} \text{ kgm}^2$	4.05
kg	24.5

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
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)	66

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	50
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.