



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 100L BA4 - 2.2 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 100L BA
Poles	4
kW	2.2
HP	3
rpm	1450
η 100%	81
cos Phi	0.97
I_N 230V	12.5
I_N 220-240V	12.7
I_A/I_N	4.6
M_A/M_N	1.0
M_K/M_N	1.7
$J \cdot 10^{-3} \text{ kgm}^2$	6.00
kg	23.8

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)	50

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	70
Starting Capacitor Microf	161 - 193
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.