



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 90L CA2 - 1.8 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMME 90L CA
Poles	2
kW	1.8
HP	2.5
rpm	2790
η 100%	73
cos Phi	0.99
I_N 230V	10.8
I_N 220-240V	11.2
I_A/I_N	3.7
M_A/M_N	1.6
M_K/M_N	2.0
$J \cdot 10^{-3} \text{ kgm}^2$	2.09
kg	18.7

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	40
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.