



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMM 90L BA2 - 1.5 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMM 90L BA
Poles	2
kW	1.5
HP	2
rpm	2835
η 100%	73
cos Phi	0.90
I_N 230V	9.3
I_N 220-240V	9.6
I_A/I_N	3.9
M_A/M_N	0.5
M_K/M_N	2.1
$J \cdot 10^{-3} \text{ kgm}^2$	1.87
kg	17.3

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	36
Starting Capacitor Microf	-
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.