



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

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

PERFORMANCE DATA

Type	AMMEHE 90L BA
Poles	2
kW	1.5
HP	2.0
rpm	2870
Mn Nm	5.0
η 100%	81.3
cos Phi	0.95
I_N 230V	8.5
I_A/I_N	4.9
M_A/M_N	2.5
M_K/M_N	2.2
J 10^{-3} 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	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.