



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMEHE 90L BA4 - 1.5 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 90L BA
Poles	4
kW	1.5
HP	2.0
rpm	1435
Mn Nm	10.0
η 100%	82.80
cos Phi	0.96
I_N 230V	8.3
I_A/I_N	4.8
M_A/M_N	1.8
M_K/M_N	1.6
J 10^{-3} kgm²	3.90
kg	20.0

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)	49

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	40
Starting Capacitor Microf	88 - 106
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.