



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMHE 90L AA4 - 1.1 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMHE 90L AA
Poles	4
kW	1.1
HP	1.5
rpm	1445
Mn Nm	7.3
η 100%	81.40
cos Phi	0.97
I_N 230V	6.0
I_A/I_N	4.9
M_A/M_N	0.4
M_K/M_N	2.0
$J \cdot 10^{-3} \text{ kgm}^2$	3.80
kg	18.0

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	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.