



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMEHE 90L DA2 - 2.2 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 90L DA
Poles	2
kW	2.2
HP	3.0
rpm	2920
Mn Nm	7.2
η 100%	83.2
cos Phi	0.97
I_N 230V	11.8
I_A/I_N	5.3
M_A/M_N	1.4
M_K/M_N	2.1
J 10^{-3} kgm ²	2.20
kg	19.7

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	60
Starting Capacitor Microf	189 - 227
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.