



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMEHE 100L XA2 - 1.8 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 100L XA
Poles	2
kW	1.8
HP	2.5
rpm	2900
Mn Nm	5.9
η 100%	82.2
cos Phi	0.98
I_N 230V	9.5
I_A/I_N	6.9
M_A/M_N	2.1
M_K/M_N	2.8
J 10^{-3} kgm²	7.30
kg	26.5

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
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)	66

Electrical Data

Voltage	230V - 50Hz
Connection	230V
Running Capacitor Microf	40
Starting Capacitor Microf	124 - 149
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.