



AC Three-phase Motors - IE4/IE3/IE2/IE1

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMMEHE 90S AA2 - 1.1 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

Type	AMMEHE 90S AA
Poles	2
kW	1.1
HP	1.5
rpm	2865
Mn Nm	3.7
η 100%	79.6
cos Phi	0.93
I_N 230V	6.5
I_A/I_N	4.8
M_A/M_N	2.4
M_K/M_N	2.0
$J \cdot 10^{-3} \text{ kgm}^2$	1.87
kg	17.3

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	20
Starting Capacitor Microf	53 - 64
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.