



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

**HIGH EFFICIENCY MOTORS - IE2**

- Customisation at all levels



## TECHNICAL DATA

**Motor Type** AMMEHE 90L AA4 - 1.1 kW - 4 poles - 230V - 50Hz

## PERFORMANCE DATA

Type	AMMEHE 90L AA
Poles	4
kW	1.1
HP	1.5
rpm	1445
Mn Nm	7.3
$\eta$ 100%	81.40
cos Phi	0.97
$I_N$ 230V	6.0
$I_A/I_N$	4.9
$M_A/M_N$	2.4
$M_K/M_N$	2.0
$J \cdot 10^{-3} \text{ kgm}^2$	3.80
kg	18.0

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6205/2Z
<b>Lubrication grease</b>	low & high temperature grease
<b>Regreasing device horizontal</b>	permanent lubrication
<b>Regreasing device vertical</b>	permanent lubrication
<b>Cooling</b>	IC 411
<b>Vibration Level</b>	A (normal)
<b>Noise Lpa db(A)</b>	49

## Electrical Data

<b>Voltage</b>	230V - 50Hz
<b>Connection</b>	230V
<b>Running Capacitor Microf</b>	36
<b>Starting Capacitor Microf</b>	124 - 149
<b>Duty type</b>	S1
<b>Thermal protection</b>	na
<b>Insulation class</b>	F
<b>Direction of rotation</b>	bidirectional
<b>Ambient temperature</b>	-20°C / +40 °C
<b>Altitude</b>	1000 m.a.s.l.