



Single-phase Motors - IE2

**HIGH EFFICIENCY MOTORS - IE2**

- Customisation at all levels



## TECHNICAL DATA

**Motor Type** AMMEHE 100L AA4 - 1.8 kW - 4 poles - 230V - 50Hz

## PERFORMANCE DATA

<b>Type</b>	AMMEHE 100L AA
<b>Poles</b>	4
<b>kW</b>	1.8
<b>HP</b>	2.5
<b>rpm</b>	1470
<b>Mn Nm</b>	11.7
$\eta$ 100%	83.50
<b>cos Phi</b>	0.94
<b>I<sub>N</sub> 230V</b>	9.8
<b>I<sub>A</sub>/I<sub>N</sub></b>	5.3
<b>M<sub>A</sub>/M<sub>N</sub></b>	1.4
<b>M<sub>K</sub>/M<sub>N</sub></b>	1.5
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	10.70
<b>kg</b>	25.0

## Electrical Data

<b>Voltage</b>	230V - 50Hz
<b>Connection</b>	230V
<b>Running Capacitor Microf</b>	50
<b>Starting Capacitor Microf</b>	189 - 227
<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.