



**Motori Asincroni Trifase - IE4/IE3/IE2/IE1**

**MOTORI HIGH EFFICIENCY - IE2/CURUS**

- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



**TECHNICAL DATA**

**Motor Type**

AMHE 100L AA4 - 2.2 kW - 4 poles - 400V - 50Hz / 460V - 60Hz

**PERFORMANCE DATA**

Type	AMHE 100L AA
Poles	4
kW	2.2
HP	3
rpm	1450
Mn Nm	14.5
$\eta$ 50%	84.0
$\eta$ 75%	85.3
$\eta$ 100%	85.1
cos Phi	0.74
$I_N$	5.1
$I_A/I_N$	6.0
$M_A/M_N$	3.2

<b>M<sub>S</sub>/M<sub>N</sub></b>	3.0
<b>M<sub>K</sub>/M<sub>N</sub></b>	3.4
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	5.58
<b>kg</b>	22.4

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6206/2Z
<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>	50

## Electrical Data

<b>Voltage</b>	400V - 50Hz / 460V - 60Hz
<b>Connection</b>	?/Y 230/400V
<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.