



**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 112M AA2 - 4 kW - 2 poles - 400V - 50Hz / 460V - 60Hz

## PERFORMANCE DATA

<b>Type</b>	AMHE 112M AA
<b>Poles</b>	2
<b>kW</b>	4
<b>HP</b>	5.5
<b>rpm</b>	2940
<b>Mn Nm</b>	13.0
$\eta$ 50%	85.5
$\eta$ 75%	87.0
$\eta$ 100%	86.8
<b>cos Phi</b>	0.88
<b>I<sub>N</sub></b>	7.6
<b>I<sub>A</sub>/I<sub>N</sub></b>	10.7
<b>M<sub>A</sub>/M<sub>N</sub></b>	2.9

<b><math>M_S/M_N</math></b>	2.1
<b><math>M_K/M_N</math></b>	3.3
<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	6.48
<b>kg</b>	27.4

## Electrical Data

<b>Voltage</b>	400V - 50Hz / 460V - 60Hz
<b>Connection</b>	?/Y 230/400V - ?/Y 400/690V
<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.