



Motori Autofrenanti - IE3/IE2/IE1

**MOTORI PREMIUM EFFICIENCY - IE3**

- Completamente customizzabile anche per ambienti off shore
- Alta progettualità e prestazioni elevate
- Qualità totale con il controllo completo su tutti i componenti



## TECHNICAL DATA

Motor Type

AMPES 112M AA2 - 4 kW - 2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMPES 112M AA
Poles	2
kW	4
HP	5.5
rpm	2910
Mn Nm	13.1
$\eta$ 50%	86.8
$\eta$ 75%	87.8
$\eta$ 100%	88.1
cos Phi	0.93
$I_N$	7.0
$I_A/I_N$	9.6
$M_A/M_N$	3.6
$M_K/M_N$	4.0

<b>J 10<sup>-3</sup> kgm<sup>2</sup></b>	7.2
<b>Mb max Nm</b>	40(75) <sup>2</sup>
<b>zL 1) c/h</b>	1065
<b>kg</b>	44

## Mechanical Data

<b>Design</b>	ALUMINIUM
<b>Degree of protection</b>	IP 55
<b>Bearings DE/NDE</b>	6306/2Z
<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>	68

## Electrical Data

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