



### Brake Motors - IE3/IE2/IE1

### HIGH EFFICIENCY MOTORS - IE2

- Options make motors suitable for either onshore or offshore duties
- Engineered to give high performance with maximum efficiency
- Reliability & durability ensured through total control over component supply chains



## TECHNICAL DATA

Motor Type

AMHEBZ 100L BA2 - 4 kW - 2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMHEBZ 100L BA
Poles	2
kW	4
HP	5.5
rpm	2920
Mn Nm	13.1
$\eta$ 50%	85.2
$\eta$ 75%	86.4
$\eta$ 100%	86.1
cos Phi	0.86
$I_N$	7.8
$I_A/I_N$	8.2
$M_A/M_N$	3.3
$M_K/M_N$	3.8

<b>J</b> 10 <sup>-3</sup> kgm <sup>2</sup>	4.26
<b>Mb max</b> Nm	40(75) <sup>2</sup>
<b>zL 1)</b> c/h	2000
<b>kg</b>	34.5

## 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>	66

## 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.