



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

**MOTORI SUPER PREMIUM EFFICIENCY - IE4/CURUS**

- Ampia gamma 0.75 - 200kW
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



**TECHNICAL DATA**

**Motor Type**

AMQH 112M BA2 - 4 kW - 2 poles - 460V - 60Hz / 575V - 60Hz

**PERFORMANCE DATA**

<b>Type</b>	AMQH 112M BA
<b>Poles</b>	2
<b>kW</b>	4
<b>HP</b>	5.5
<b>rpm</b>	3550
<b>Mn Nm</b>	10.8
$\eta$ 50%	86.7
$\eta$ 75%	89.3
$\eta$ 100%	89.5
<b>cos Phi</b>	0.81
<b>I<sub>N</sub> 400V</b>	-
<b>I<sub>N</sub> 460V</b>	6.9
<b>I<sub>N</sub> 575V</b>	5.5

$I_A/I_N$	12.2
$M_A/M_N$	4.8
$M_S/M_N$	4.2
$M_K/M_N$	5.2
$J \cdot 10^{-3} \text{ kgm}^2$	8.6
kg	33.6

## Mechanical Data

Design	Aluminium
Degree of protection	IP 55
Bearings DE/NDE	6306/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Grease Quantity	-
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	68

## Electrical Data

Voltage	460V - 60Hz / 575V - 60Hz
Connection	
Duty type	S1
Thermal protection	na
Insulation class	F
Direction of rotation	bidirectional
Ambient temperature	-20°C / +40 °C
Altitude	1000 m.a.s.l.