



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

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

PERFORMANCE DATA

Type	AMQE 112M AA
Poles	2
kW	4
HP	5.5
rpm	2950
Mn Nm	13
η 50%	87.9
η 75%	89.7
η 100%	90.0
cos Phi	0.83
I _N 400V	7.8
I _N 460V	-
I _N 575V	-
I _A /I _N	16.0

M_A/M_N	5.3
M_S/M_N	4.2
M_K/M_N	5.7
$J \cdot 10^{-3} \text{ kgm}^2$	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	400V - 50Hz
Connection	?/Y 230/400V - ?/Y 400/690V
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.