



Motori Asincroni Trifase - IE4/IE3/IE2/IE1

MOTORI STANDARD EFFICIENCY - IE1

- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



TECHNICAL DATA

Motor Type

AM 100L AA2 - 3 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 100L AA
Poles	2
kW	3
HP	4
rpm	2860
Mn Nm	10
η 50%	78.9
η 75%	81.4
η 100%	81.5
cos Phi	0.85
I _N 400V	6.4
I _N 380-420V	6.7
I _A /I _N	6.0
M _A /M _N	3.1

M_S/M_N	3.1
M_K/M_N	3.3
$J \cdot 10^{-3} \text{ kgm}^2$	2.36
kg	19.3

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6206/2Z
Lubrication grease	low & high temperature grease
Regreasing device horizontal	permanent lubrication
Regreasing device vertical	permanent lubrication
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	66

Electrical Data

Voltage	400V - 50Hz
Connection	?/Y 230/400V
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.