



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 160M YA8 - 4.0 kW - 8 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 160M YA
Poles	8
kW	4.0
HP	5.5
rpm	700
Mn Nm	54.6
η 50%	84.9
η 75%	84.5
η 100%	84.4
cos Phi	0.72
I _N 400V	9.5
I _N 380-420V	9.7
I _A /I _N	4.5
M _A /M _N	1.8

M_S/M_N	1.6
M_K/M_N	2.2
$J \cdot 10^{-3} \text{ kgm}^2$	76.7
kg	75.0

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6309/2Z
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)	56

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.