



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 90S AA4 - 1.1 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AM 90S AA
Poles	4
kW	1.1
HP	1.5
rpm	1400
Mn Nm	7.5
η 50%	75.8
η 75%	76.0
η 100%	75.4
cos Phi	0.78
I _N 400V	2.7
I _N 380-420V	2.9
I _A /I _N	5.2
M _A /M _N	2.5

M_S/M_N	2.4
M_K/M_N	2.8
$J \cdot 10^{-3} \text{ kgm}^2$	2.2
kg	12.5

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6205/2Z
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)	49

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.