



AC Three-phase Motors - IE4/IE3/IE2/IE1

PREMIUM EFFICIENCY MOTORS - IE3/CURUS

- IE3 Premium Efficiency compliant since 2010
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs



TECHNICAL DATA

Motor Type AMPE 80Z AA4 - 0.12 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPE 80Z AA
Poles	4
kW	0.12
HP	0.16
rpm	1370
Mn Nm	0.8
η 50%	58.3
η 75%	64.1
η 100%	64.8
cos Phi	0.70
I_N	0.4
I_A/I_N	2.4
M_A/M_N	2.0
M_S/M_N	1.9

M_K/M_N	2.0
J 10^{-3} kgm²	0.2
kg	3.3

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.