



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 100L BA6 - 1.5 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPE 100L BA
Poles	6
kW	1.5
HP	2
rpm	920
Mn Nm	15.6
η 50%	81.1
η 75%	82.7
η 100%	82.5
cos Phi	0.68
I_N	3.8
I_A/I_N	5.7
M_A/M_N	1.7
M_S/M_N	1.3

M_K/M_N	2.3
J 10⁻³ kgm²	14.2
kg	26

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
Grease Quantity	-
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	51

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.