



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

HIGH EFFICIENCY MOTORS - IE2/CURUS

- Total reliability and longevity in a well-engineered package
- Extensive customization options ensure motors match application needs



TECHNICAL DATA

Motor Type

AMEE 90L BA6 - 1.1 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMEE 90L BA
Poles	6
kW	1.1
HP	1.5
rpm	935
Mn Nm	11.2
η 50%	78.5
η 75%	78.7
η 100%	78.9
cos Phi	0.67
I_N	3.0
I_A/I_N	4.2
M_A/M_N	1.8
M_S/M_N	1.8

M_K/M_N	2.3
J 10⁻³ kgm²	6.45
kg	20.3

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)	46

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.