



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 132M YA6 - 4 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMEE 132M YA
Poles	6
kW	4
HP	5.5
rpm	955
Mn Nm	40.0
η 50%	84.1
η 75%	84.8
η 100%	85.2
cos Phi	0.66
I_N	10.3
I_A/I_N	5.8
M_A/M_N	2.1
M_S/M_N	1.2

M_K/M_N	2.9
J 10⁻³ kgm²	44.4
kg	65.5

Mechanical Data

Design	ALUMINIUM
Degree of protection	IP 55
Bearings DE/NDE	6208/2Z
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)	57

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.