



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 225M PG2 - 45 kW - 2 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPE 225M PG
Poles	2
kW	45
HP	60
rpm	2965
Mn Nm	144.9
η 50%	92.1
η 75%	94.0
η 100%	94.0
cos Phi	0.90
I_N	76.8
I_A/I_N	7.7
M_A/M_N	2.0
M_S/M_N	1.8

M_K/M_N	2.3
J 10⁻³ kgm²	233
kg	322

Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6313 C3
Lubrication grease	low & high temperature grease
Regreasing device horizontal	1.500 hours
Regreasing device vertical	1.500 hours
Grease Quantity	25 gr
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	80

Electrical Data

Voltage	400V - 50Hz
Connection	?/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.