



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 250M PG6 - 37 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMPE 250M PG
Poles	6
kW	37
HP	50
rpm	985
Mn Nm	358.7
η 50%	91.4
η 75%	93.3
η 100%	93.3
cos Phi	0.84
I_N	65.7
I_A/I_N	7.1
M_A/M_N	2.0
M_S/M_N	2.0

M_K/M_N	2.1
J 10⁻³ kgm²	843
kg	383

Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6314 C3
Lubrication grease	low & high temperature grease
Regreasing device horizontal	6.000 hours
Regreasing device vertical	6.000 hours
Grease Quantity	35 gr
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	68

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.