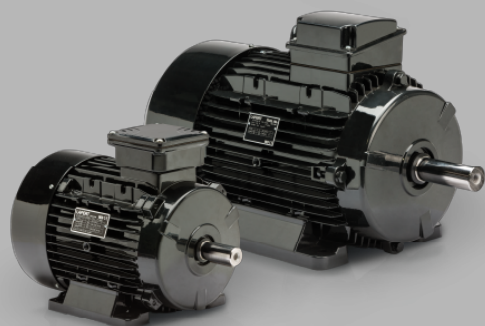




AC Three-phase Motors - IE4/IE3/IE2/IE1

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

IE3

ENERGY
CLASS C

UL

UL

SP

CCC

TECHNICAL DATA

Motor Type

PERFORMANCE DATA

Type	AMPE 280S G
Poles	6
kW	45
HP	30
rpm	985
Mn Nm	436.3
η 50%	91.8
η 75%	93.7
η 100%	93.7
cos Phi	0.85
I_N	78.6
I_A/I_N	7.3
M_A/M_N	2.0
M_S/M_N	2.0

M_K/M_N	2.0
J 10⁻³ kgm²	1390
kg	501

Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6317 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)	71

Electrical Data

Voltage	
Connection	
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.