LAFERTGROUP
Member of Sumitomo Drive Technologies



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

SUPER PREMIUM EFFICIENCY MOTORS - IE4/CURUS

- Wide range from 0.75 to 200kW
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs

TECHNICAL DATA

Motor Type	AMQE 200L RG6 - 22 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

Type	AMQE 200L RG
Poles	6
kW	22
HP	30
rpm	985
Mn Nm	213.3
η 50%	91.8
η 75%	93.7
η 100%	93.7
cos Phi	0.81
I_N 400V	41.8
I_N 460V	-
I_N 575V	-
I_A/I_N	7.4

M_A/M_N	2.0
M_S/M_N	2.0
M_K/M_N	2.1
J 10^{-3} kgm²	360
kg	285

Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6312 C3
Lubrication grease	low & high temperature grease
Regreasing device horizontal	6.300 hours
Regreasing device vertical	6.300 hours
Grease Quantity	25 gr
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	65

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.