



**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 315L G2 - 200 kW - 2 poles - 400V - 50Hz

## PERFORMANCE DATA

Type	AMQE 315L G
Poles	2
kW	200
HP	270
rpm	2980
Mn Nm	640.9
$\eta$ 50%	94.6
$\eta$ 75%	96.5
$\eta$ 100%	96.5
cos Phi	0.91
I <sub>N</sub> 400V	329.0
I <sub>N</sub> 460V	-
I <sub>N</sub> 575V	-
I <sub>A</sub> /I <sub>N</sub>	7.2

$M_A/M_N$	1.8
$M_S/M_N$	1.7
$M_K/M_N$	2.2
$J \cdot 10^{-3} \text{ kgm}^2$	2380
kg	1200

## Mechanical Data

Design	Cast iron
Degree of protection	IP 55
Bearings DE/NDE	6317 C3
Lubrication grease	low & high temperature grease
Regreasing device horizontal	1.000 hours
Regreasing device vertical	1.000 hours
Grease Quantity	50 gr
Cooling	IC 411
Vibration Level	A (normal)
Noise Lpa db(A)	71

## 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.