

# GM2E 225 S 4

# IE2

# GAMAK

3-Phase 400 V (Δ) 50 Hz

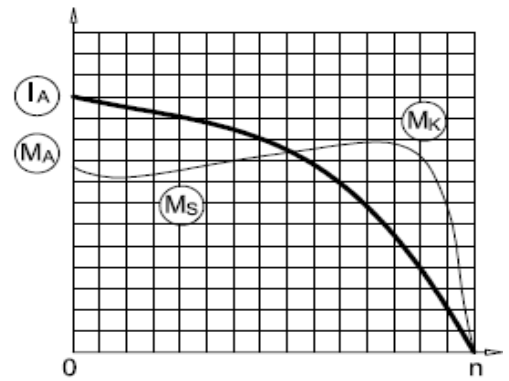
Duty Type : S1

Degree of protection : IP 55 ( TEFC )

Insulation class : F ( 155 °C )

Temp rise : Class B ( 80K )

Mounting Design : B3



## ELECTRICAL DESIGN

## Direct On Line

Rated output (kW) : 37

Locked rotor Current – Ia (A) : 482

Ia / In : 7.2

Speed (rpm) : 1470

Locked rotor Torque – Ma (Nm) : 720

Ma / Mn : 3.0

Rated current (A) : 67

## Y / Δ Starting

Torque – Mn (Nm) : 240

Locked rotor Current – Ia (A) : 154

Ia / In : 2.3

Cos φ : 0.86

Locked rotor Torque – Ma (Nm) : 240

Ma / Mn : 1.0

Efficiency %	4/4	3/4	1/2
	92.7	92.7	92.2

Moment of inertia J (kgm)<sup>2</sup> : 0.3

Breakdown Torque – Mk (Nm) : 720

Mk / Mn : 3.0

## MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : Pg 36

No of cable glands : 2

## Bearing Arrangement

Standard design

Drive End

6313 ZZ C3

Non Drive End

6213 ZZ C3

Reinforced design

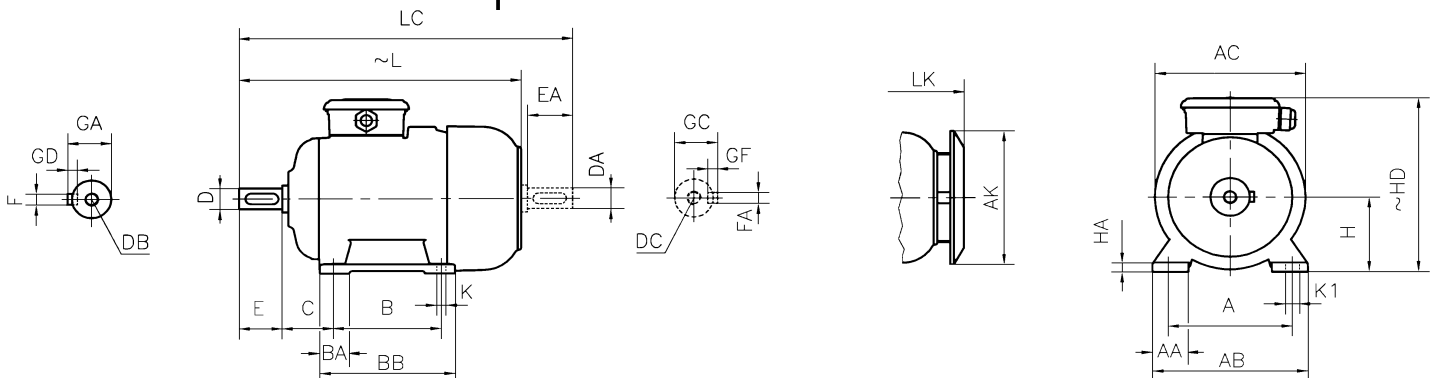
NU 313 E

6313 C3

Noise Level (dB-A) : 64

Paint : RAL 7031- Grey

Approximate weight (kg) : 314



## DIMENSIONS

### Dimensions of foot mounted motors for mounting arrangement : B3, B6, B7, B8, B15, V5, V6

H	HD ~	HA	A	AA	AB	ØAC	ØAK	K	K1	B	B'	BA	BA'	BB	L ~	LC	LK ~	C	E EA	DB DC	ØD ØDA	GA GC	FxGD FAXGF
225	510	30	356	82	438	434	370	19	-	286	311	76	92.5	363	795	943	851	149	140	M20	60	64	18X11

\* Efficiencies are calculated according to indirect method where the additional load losses are determined from exact measurements at different load points.