

GM3E 225 M 2**IE3****GAMAK**

3-Phase 400 V (Δ) 50 Hz

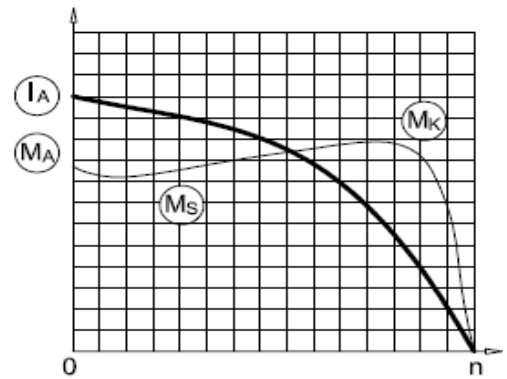
Duty Type : S1

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) : 45

Locked rotor Current – I_a (A) : 670 I_a / I_n : 8.7

Speed (rpm) : 2980

Locked rotor Torque – M_a (Nm) : 389 M_a / M_n : 2.7

Rated current (A) : 77

Y / Δ StartingTorque – M_n (Nm) : 144Locked rotor Current – I_a (A) : 216 I_a / I_n : 2.8Cos φ : 0.91Locked rotor Torque – M_a (Nm) : 130

	4/4	3/4	1/2
Efficiency %	94.0	94.1	93

 M_a / M_n : 0.9Moment of inertia J (kgm)² : 0.26Breakdown Torque – M_k (Nm) : 446 M_k / M_n : 3.1**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

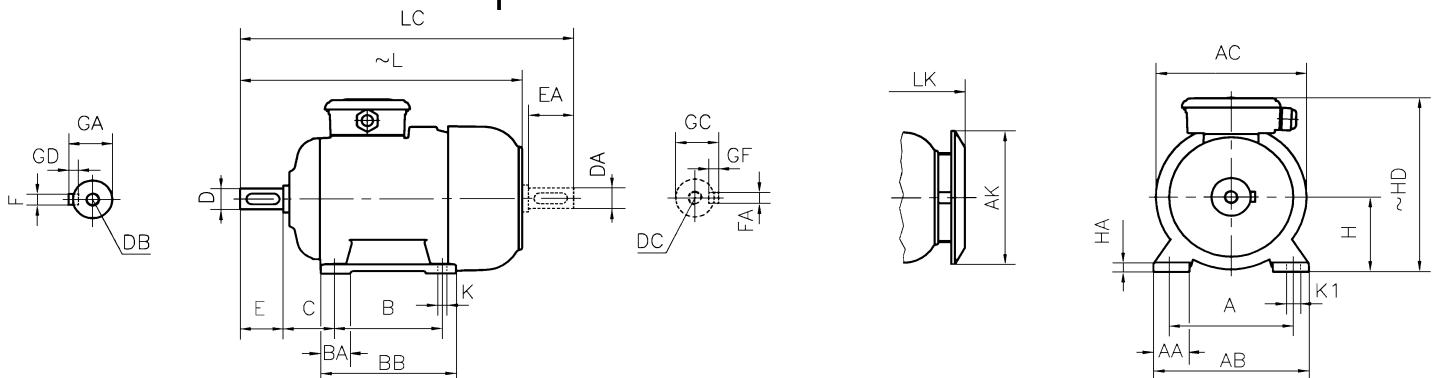
NU 313 E

6313 C3

Noise Level (dB-A) : 73

Paint : RAL 7031- Grey

Approximate weight (kg) : 380

**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	-	311	-	76	-	371	790	908	846	149	110	M20	55	59	16X10

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