

GM2E 250 M 6**IE2****GAMAK**

3-Phase 400 V (Δ) 50 Hz

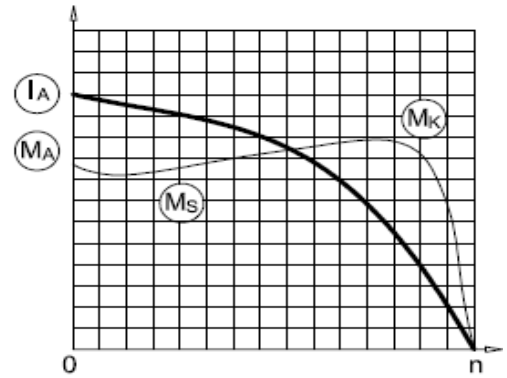
Duty Type : S1

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 – I_a (A) : 483I_a / I_n : 7.0

Speed (rpm) : 985

Locked rotor Torque – M_a (Nm) : 1077M_a / M_n : 3.0

Rated current (A) : 69

Y / Δ StartingTorque – M_n (Nm) : 359Locked rotor Current – I_a (A) : 159I_a / I_n : 2.3

Cos φ : 0.84

Locked rotor Torque – M_a (Nm) : 359M_a / M_n : 1.0

	4/4	3/4	1/2
Efficiency %	92.2	9.2	90.1

Moment of inertia J (kgm)² : 0.77Breakdown Torque – M_k (Nm) : 933M_k / M_n : 2.6**MECHANICAL DESIGN**

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : Pg 42

No of cable glands : 2

Bearing Arrangement

Standard design

Drive End

6315 ZZ C3

Non Drive End

6215 ZZ C3

Reinforced design

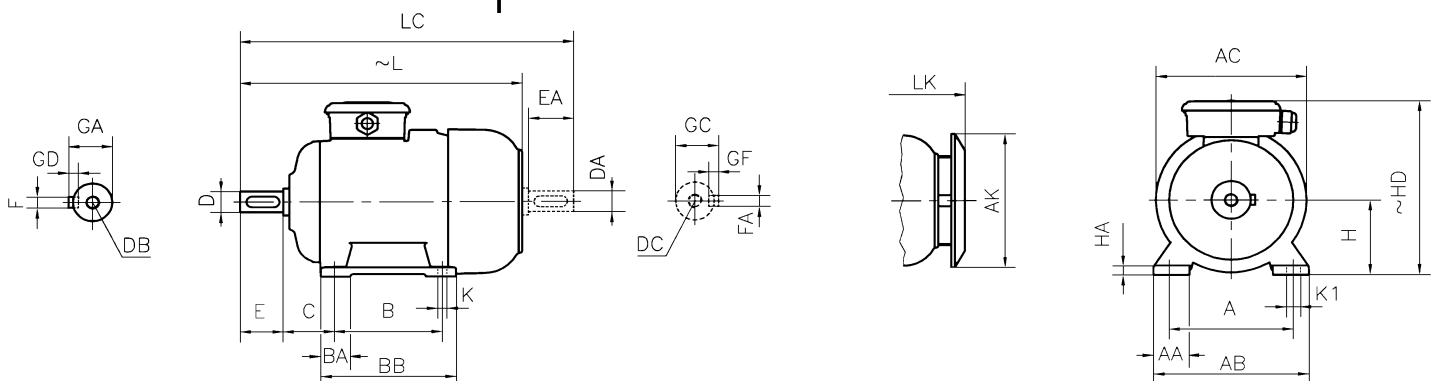
NU 315 E

6315 C3

Noise Level (dB-A) : 64

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
250	572	35	406	80	484	480	440	24	-	349	-	75	-	410	896	1044	952	168	140	M20	65	69	18X11

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