

GMM 355 M 8b

3-Phase 400 V (Δ) 50 Hz

Duty Type : S1

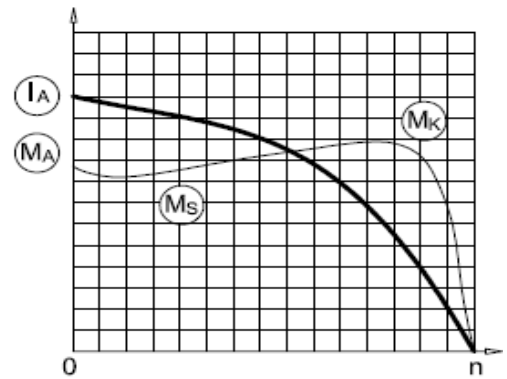
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 160

Locked rotor Current – I_a (A) : 1823

I_a / I_n : 5.9

Speed (rpm) : 740

Locked rotor Torque – M_a (Nm) : 3924

M_a / M_n : 1.9

Rated current (A) : 309

Y / Δ Starting

Torque – M_n (Nm) : 2065

Locked rotor Current – I_a (A) : 587

I_a / I_n : 1.9

Cos φ : 0.80

Locked rotor Torque – M_a (Nm) : 1239

	4/4	3/4	1/2
Efficiency %	93.3	93.3	90.2

M_a / M_n : 0.6

Moment of inertia J (kgm)² : 8.9

Breakdown Torque – M_k (Nm) : 4130

M_k / M_n : 2.0

MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : M79

No of cable glands : 2

Bearing Arrangement

Standard design

Drive End

6321 C3

Non Drive End

6321 C3

Reinforced design

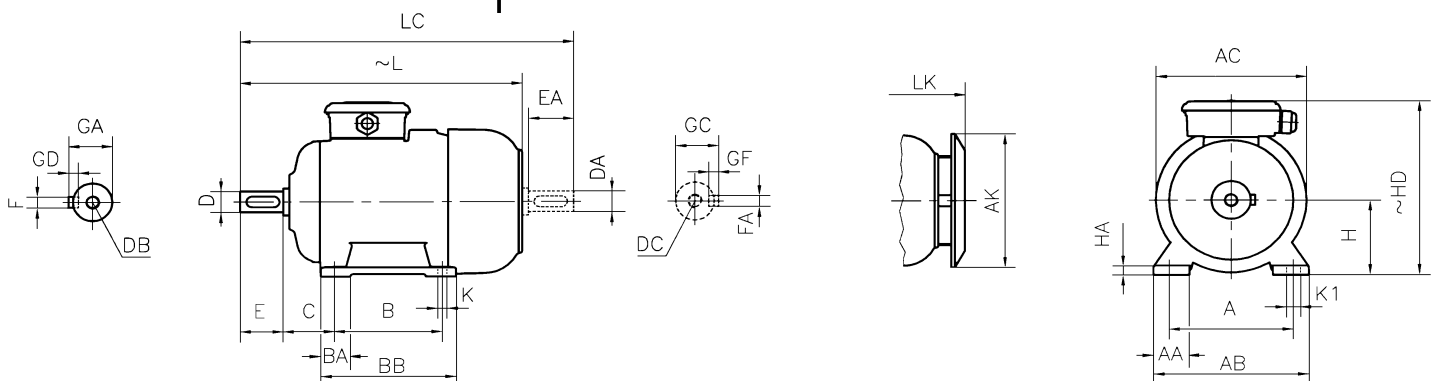
NU 321 E

6321 C3

Noise Level (dB-A) : 70

Paint : RAL 7031- Grey

Approximate weight (kg) : 1328



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
355	980	50	610	150	740	732	571	28	-	560	-	140	-	680	1377	1597	1454	254	210	M24	100	106	28X16

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