

GMM2E 355 M 2a

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

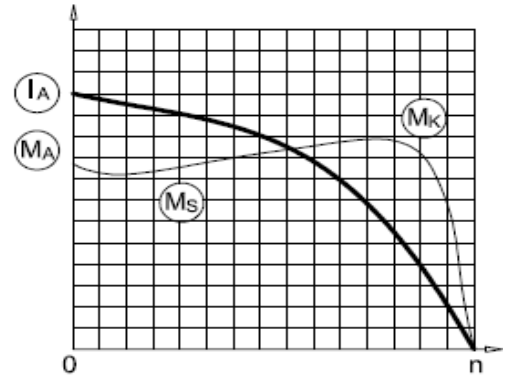
Duty Type : S1

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) : 250

Locked rotor Current – Ia (A) : 3320

Ia / In : 8.0

Speed (rpm) : 2980

Locked rotor Torque – Ma (Nm) : 1602

Ma / Mn : 2.0

Rated current (A) : 415

Y / Δ Starting

Torque – Mn (Nm) : 801

Locked rotor Current – Ia (A) : 1079

Ia / In : 2.6

Cos φ : 0.92

Locked rotor Torque – Ma (Nm) : 481

	4/4	3/4	1/2
Efficiency %	95.0	95	93.6

Ma / Mn : 0.6

Moment of inertia J (kgm)² : 3.3

Breakdown Torque – Mk (Nm) : 1842

Mk / Mn : 2.3

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

6318 C3

Non Drive End

6318 C3

Reinforced design

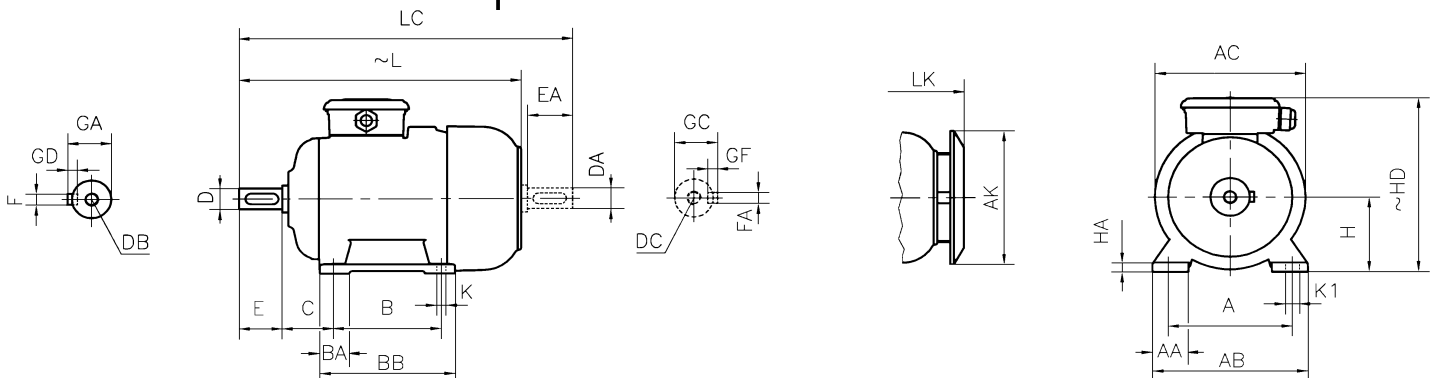
NU 318 E

6318 C3

Noise Level (dB-A) : 79

Paint : RAL 7031- Grey

Approximate weight (kg) : 1170



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	1337	1517	1414	254	170	M20	80	85	22X14

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