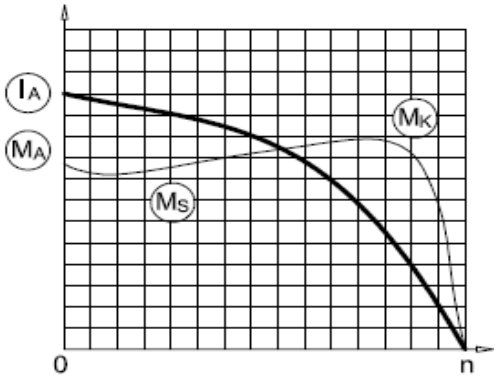
GM2E 315 M 4a

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) : 132

Speed (rpm) : 1485

Rated current (A) : 235

Torque – Mn (Nm) : 849

Cos φ : 0.86

	4/4	3/4	1/2
Efficiency %	94.7	94.5	93.8

Moment of inertia J (kgm)² : 2.5

Locked rotor Current – Ia (A) : 1645

Ia / In : 7.0

Locked rotor Torque – Ma (Nm) : 1953

Ma / Mn : 2.3

Y / Δ Starting

Locked rotor Current – Ia (A) : 541

Ia / In : 2.3

Locked rotor Torque – Ma (Nm) : 594

Ma / Mn : 0.7

Breakdown Torque – Mk (Nm) : 2207

Mk / Mn : 2.6

MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : Pg 48

No of cable glands : 2

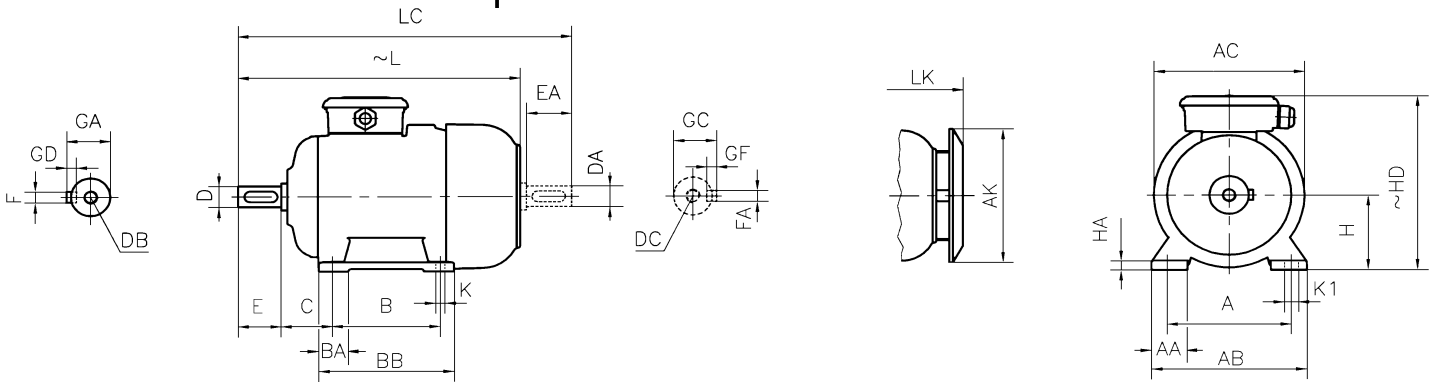
Bearing Arrangement

	Drive End	Non Drive End
Standard design	6318 C3	6318 C3
Reinforced design	NU 318 E	6318 C3

Noise Level (dB-A) : 74

Paint : RAL 7031- Grey

Approximate weight (kg) : 861



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
315	825	50	508	125	620	614	51	28	-	-	457	115	166	550	1150	1330	1227	216	170	M20	85	90	22X14

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