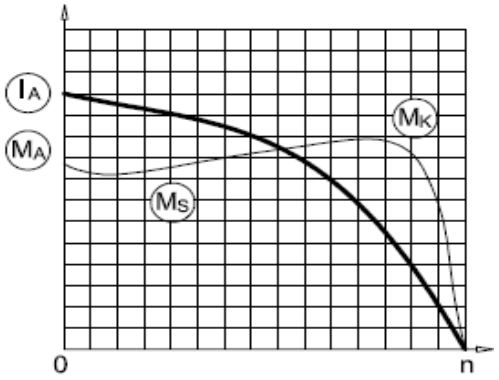
GM2E 315 M 2a

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) : 132

Speed (rpm) : 2980

Rated current (A) : 223

Torque – Mn (Nm) : 423

Cos φ : 0.90

	4/4	3/4	1/2
Efficiency %	: 94.6	94.5	92.9

Moment of inertia J (kgm)² : 1.2

Locked rotor Current – Ia (A) : 1784

Ia / In : 8.0

Locked rotor Torque – Ma (Nm) : 1058

Ma / Mn : 2.5

Y / Δ Starting

Locked rotor Current – Ia (A) : 580

Ia / In : 2.6

Locked rotor Torque – Ma (Nm) : 338

Ma / Mn : 0.8

Breakdown Torque – Mk (Nm) : 1269

Mk / Mn : 3.0

MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : Pg 48

No of cable glands : 2

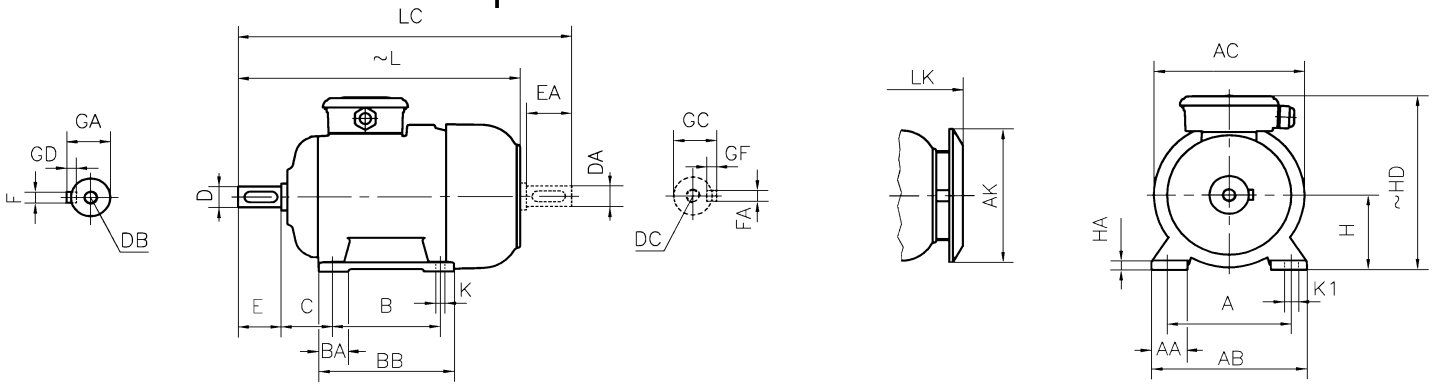
Bearing Arrangement

	Drive End	Non Drive End
Standard design	6316 C3	6316 C3
Reinforced design	NU 316 E	6316 C3

Noise Level (dB-A) : 79

Paint : RAL 7031- Grey

Approximate weight (kg) : 742



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	571	28	-	-	457	115	166	550	1120	1270	1197	216	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.