

GM2E 180 L 6**IE2****GAMAK**

3-Phase 400 V (Δ) 50 Hz

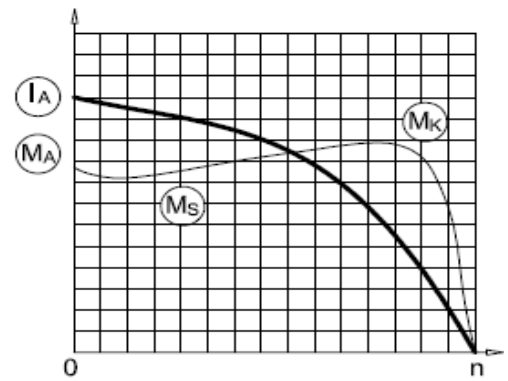
Duty Type : S1

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) : 15

Locked rotor Current – Ia (A) : 189

Ia / In : 6.5

Speed (rpm) : 965

Locked rotor Torque – Ma (Nm) : 355

Ma / Mn : 2.4

Rated current (A) : 29

Y / Δ Starting

Torque – Mn (Nm) : 148

Locked rotor Current – Ia (A) : 61

Ia / In : 2.1

Cos φ : 0.83

Locked rotor Torque – Ma (Nm) : 118

	4/4	3/4	1/2
Efficiency %	89.7	89.7	86.8

Ma / Mn : 0.8

Moment of inertia J (kgm)² : 0,20

Breakdown Torque – Mk (Nm) : 444

Mk / Mn : 3.0

MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 29

No of cable glands : 2

Bearing Arrangement

Standard design

Drive End

6310 ZZ C3

Non Drive End

6210 ZZ C3

Reinforced design

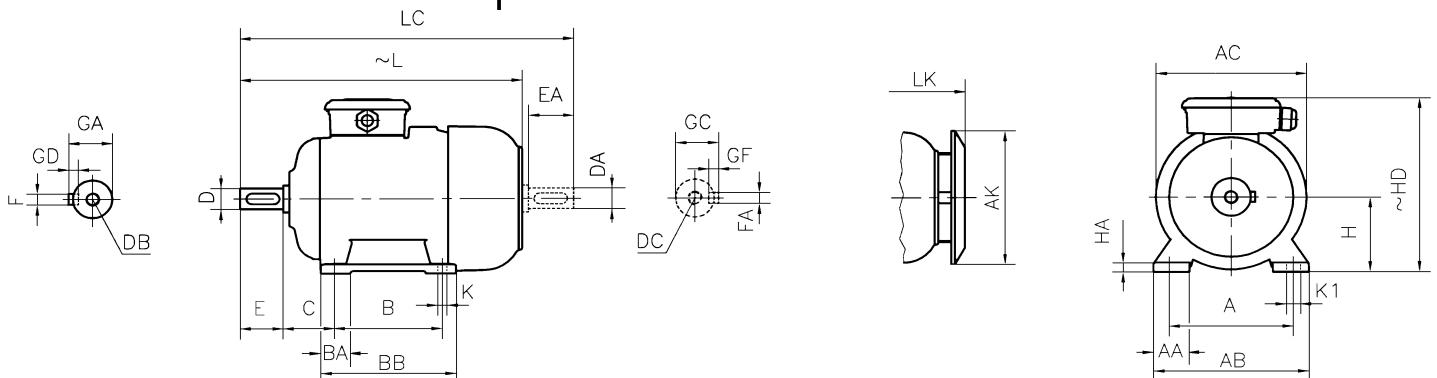
NU 310 E

6310 C3

Noise Level (dB-A) : 62

Paint : RAL 7031- Grey

Approximate weight (kg) : 189

**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
180	421	24	279	68	354	348	303	15	-	279	-	62	-	329	695	811	752	121	110	M16	48	51.5	14X9

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