

GM2E 160 L 6**IE2****GAMAK**

3-Phase 400 V (Δ) 50 Hz

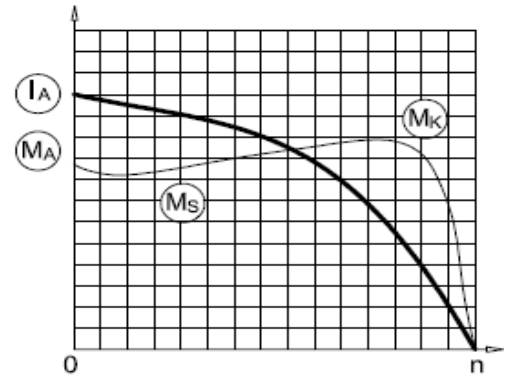
Duty Type : S1

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) : 11

Locked rotor Current – I_a (A) : 143I_a / I_n : 6.5

Speed (rpm) : 965

Locked rotor Torque – M_a (Nm) : 272M_a / M_n : 2.5

Rated current (A) : 22

Y / Δ StartingTorque – M_n (Nm) : 108.9Locked rotor Current – I_a (A) : 46I_a / I_n : 2.1

Cos φ : 0.81

Locked rotor Torque – M_a (Nm) : 87

	4/4	3/4	1/2
Efficiency %	88.7	88.7	85.7

M_a / M_n : 0.8Moment of inertia J (kgm)² : 0.12Breakdown Torque – M_k (Nm) : 327M_k / M_n : 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

6309 ZZ C3

Non Drive End

6209 ZZ C3

Reinforced design

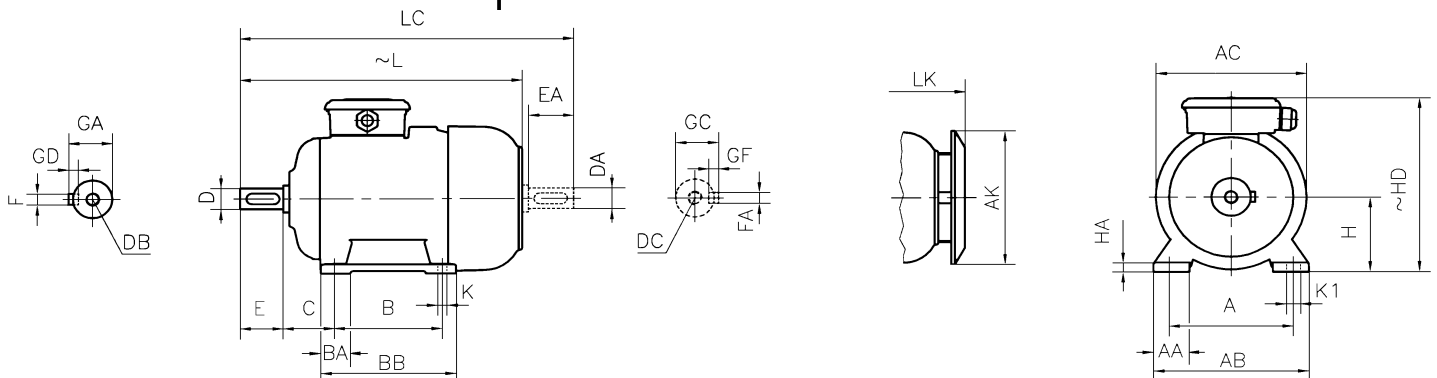
NU 309 E

6309 C3

Noise Level (dB-A) : 62

Paint : RAL 7031- Grey

Approximate weight (kg) : 132

**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
160	380	22	254	60	312	310	303	15	-	254	-	62	-	304	644	760	701	108	110	M16	42	45	12X8

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