

AGM2E 160 M 2a

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

Duty Type : S1

Degree of protection : IP 55 (TEFC)

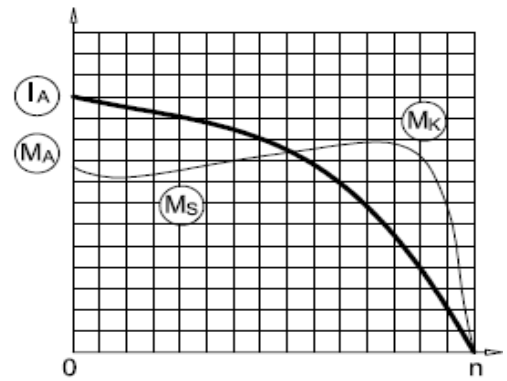
Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

ELECTRICAL DESIGN

Direct On Line



Rated output (kW) : 11

Locked rotor Current – I_a (A) : 150

I_a / I_n : 7.7

Speed (rpm) : 2945

Locked rotor Torque – M_a (Nm) : 121

M_a / M_n : 3.4

Rated current (A) : 19.5

Y / Δ Starting

Torque – M_n (Nm) : 35.7

Locked rotor Current – I_a (A) : 51

Cos φ : 0.91

I_a / I_n : 2.6

Locked rotor Torque – M_a (Nm) : 39

	4/4	3/4	1/2
Efficiency %	89.5	89.5	88.6

M_a / M_n : 1.1

Moment of inertia J (kgm)² : 0.03

Breakdown Torque – M_k (Nm) : 129

M_k / M_n : 3.6

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

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

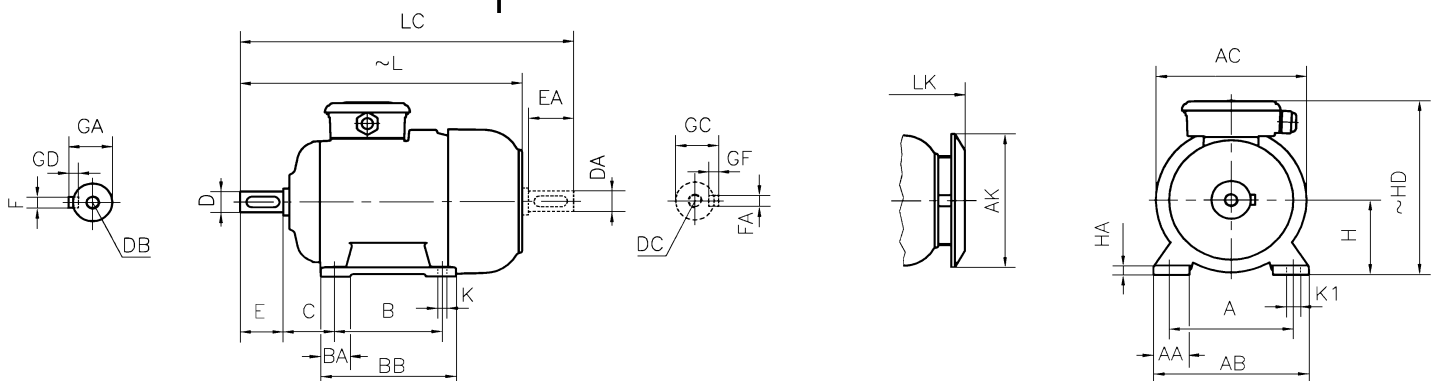
NU 309 E

6309 C3

Noise Level (dB-A) : 70

Paint : RAL 7031- Grey

Approximate weight (kg) : 67



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	21.5	254	60	312	310	303	15	19	210	254	60	104	304	600	716	657	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.