

AGM2E 90 L 2

IE2

GAMAK

3-Phase 230/400 V 50 Hz

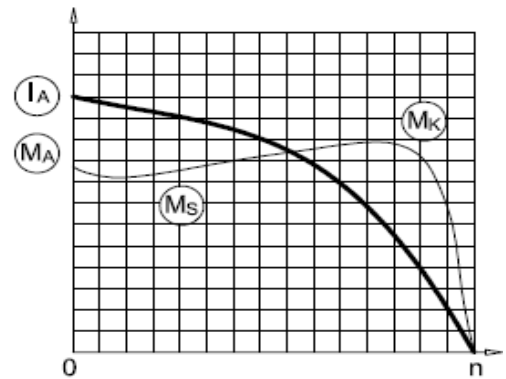
Duty Type : S1

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) : 2.2

Locked rotor Current – I_a (A) : 30

I_a / I_n : 6.6

Speed (rpm) : 2880

Locked rotor Torque – M_a (Nm) : 19

M_a / M_n : 2.6

Rated current (A) : 4.48

Y / Δ Starting

Torque – M_n (Nm) : 7.29

Locked rotor Current – I_a (A) : -

Cos φ : 0.84

I_a / I_n : -

Locked rotor Torque – M_a (Nm) : -

Efficiency %		4/4	3/4	1/2
	:	84.5	84.5	83.2

M_a / M_n : -

Moment of inertia J (kgm)² : 0.0014

Breakdown Torque – M_k (Nm) : 23

M_k / M_n : 3.1

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 16

No of cable glands : 1

Bearing Arrangement

Standard design

Drive End

6205 ZZ

Non Drive End

6205 ZZ

Reinforced design

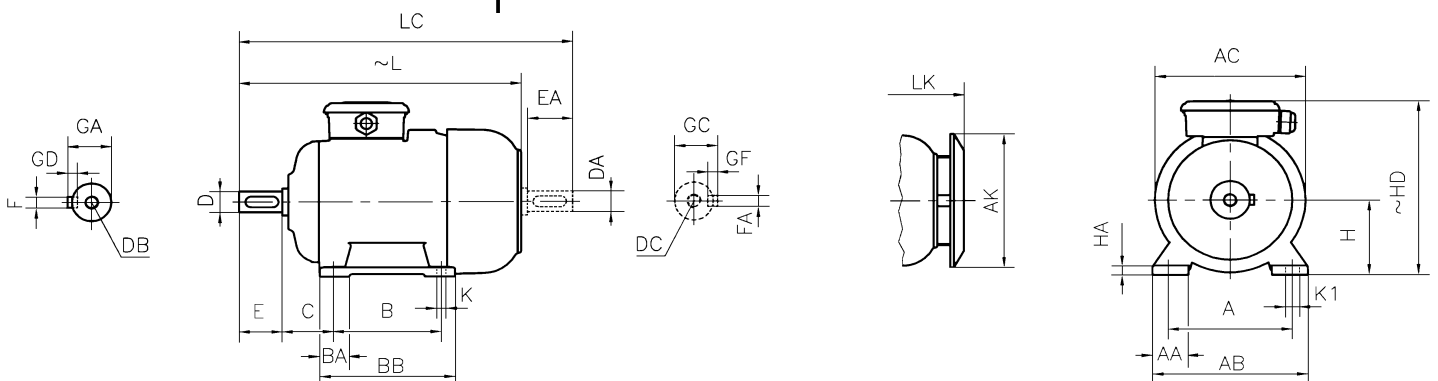
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Noise Level (dB-A) : 61

Paint : RAL 7031- Grey

Approximate weight (kg) : 13.9



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
90	216	12	140	43	180	176	151	10	15	125	-	35	-	155	334	389	363	56	50	M8	24	27	8X7

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