

AGM 100 L 8a

3-Phase 230/400 V 50 Hz

Duty Type : S1

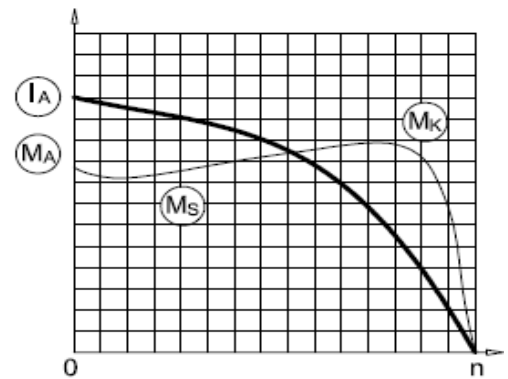
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 0.75

Locked rotor Current – I_a (A) : 8

I_a / I_n : 3.4

Speed (rpm) : 700

Locked rotor Torque – M_a (Nm) : 18

M_a / M_n : 1.8

Rated current (A) : 2.4

Y / Δ Starting

Torque – M_n (Nm) : 10.23

Locked rotor Current – I_a (A) : -

Cos φ : 0.63

I_a / I_n : -

Locked rotor Torque – M_a (Nm) : -

Efficiency % :

	4/4	3/4	1/2
	72.2	72.2	67.3

M_a / M_n : -

Moment of inertia J (kgm)² : 0.0062

Breakdown Torque – M_k (Nm) : 21

M_k / M_n : 2.1

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 16

No of cable glands : 2

Bearing Arrangement

Standard design

Drive End

6206 ZZ

Non Drive End

6206 ZZ

Reinforced design

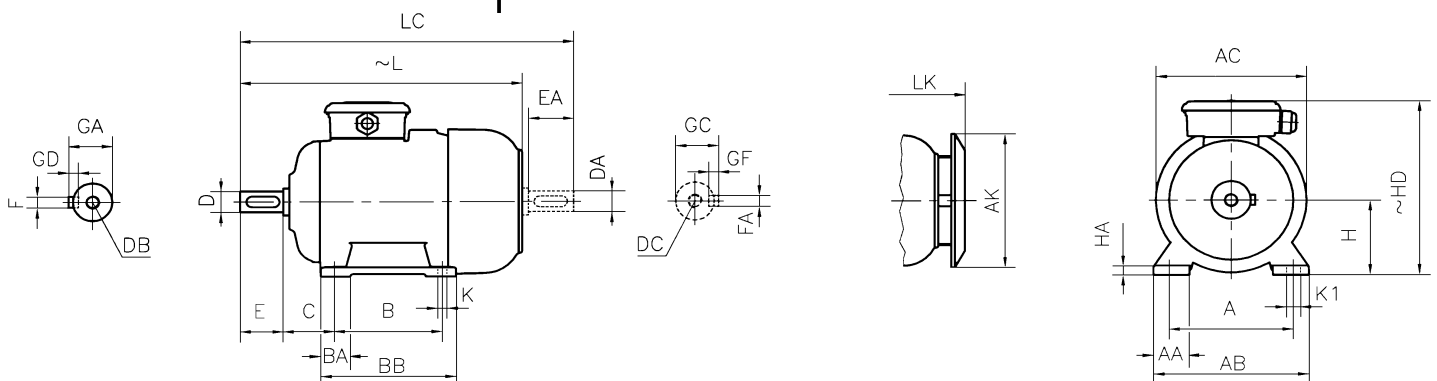
-

-

Noise Level (dB-A) : 48

Paint : RAL 7031- Grey

Approximate weight (kg) : 17.4



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
100	234	13	160	47	200	194	189	12	18	140	-	39	-	175	376	442	413	63	60	M10	28	31	8X7

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