

AGM 63 4a

3-Phase 230/400 V 50 Hz

Duty Type : S1

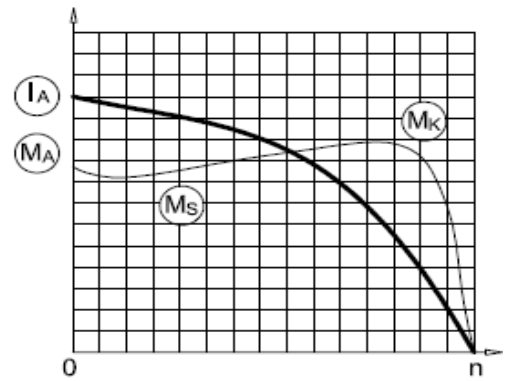
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 0.12

Speed (rpm) : 1365

Rated current (A) : 0.41

Torque – Mn (Nm) : 0.84

Cos φ : 0.74

	4/4	3/4	1/2
Efficiency %	57.1	57.1	53.3

Moment of inertia J (kgm)² : 0.00017

Locked rotor Current – Ia (A) : 1

Ia / In : 3.1

Locked rotor Torque – Ma (Nm) : 2

Ma / Mn : 2.0

Y / Δ Starting

Locked rotor Current – Ia (A) : -

Ia / In : -

Locked rotor Torque – Ma (Nm) : -

Ma / Mn : -

Breakdown Torque – Mk (Nm) : 2

Mk / Mn : 2.2

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 11

No of cable glands : 1

Bearing Arrangement

Standard design

Drive End

6201 ZZ

Non Drive End

6201 ZZ

Reinforced design

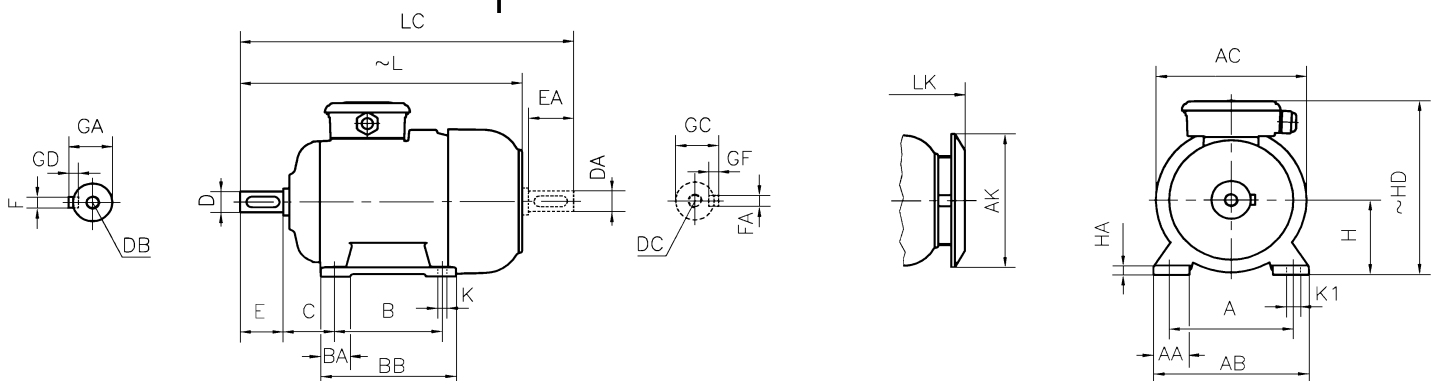
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Noise Level (dB-A) : 43

Paint : RAL 7031- Grey

Approximate weight (kg) : 3.4



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
63	160	10	100	31	125	121	116	7	11	80	-	27	-	103	216	243	245	40	23	M4	11	12.5	4X4

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