

AGM 71 2a

3-Phase 230/400 V 50 Hz

Duty Type : S1

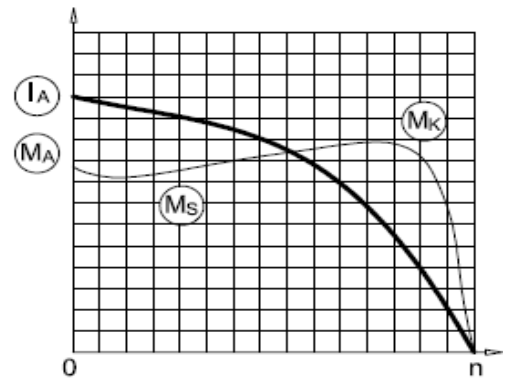
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 0.37

Speed (rpm) : 2800

Rated current (A) : 1.05

Torque – Mn (Nm) : 1.26

Cos φ : 0.74

	4/4	3/4	1/2
Efficiency %	68.9	68.7	66.7

Moment of inertia J (kgm)² : 0.00026

Locked rotor Current – Ia (A) : 5

Ia / In : 5.0

Locked rotor Torque – Ma (Nm) : 3

Ma / Mn : 2.4

Y / Δ Starting

Locked rotor Current – Ia (A) : -

Ia / In : -

Locked rotor Torque – Ma (Nm) : -

Ma / Mn : -

Breakdown Torque – Mk (Nm) : 3

Mk / Mn : 2.6

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

6202 ZZ

Non Drive End

6202 ZZ

Reinforced design

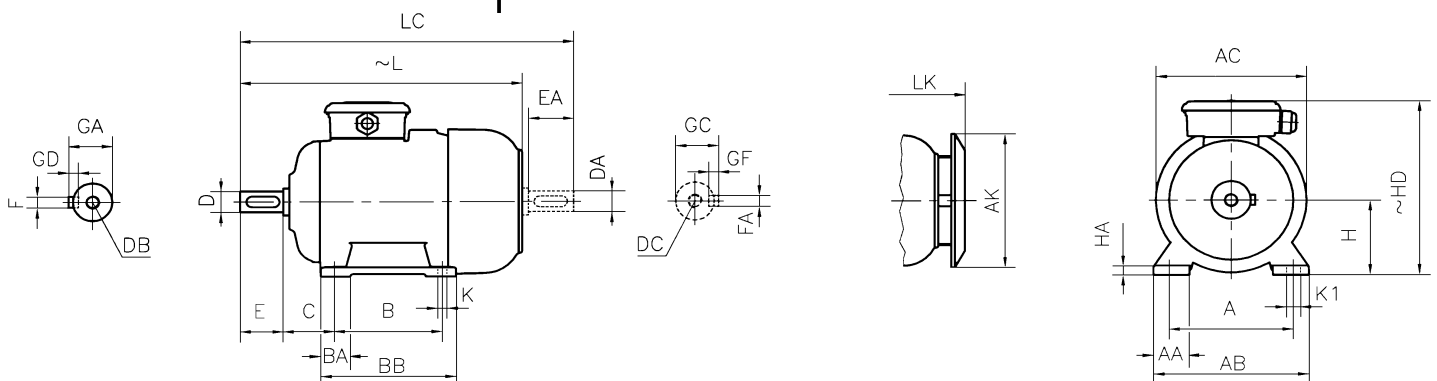
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Noise Level (dB-A) : 50

Paint : RAL 7031- Grey

Approximate weight (kg) : 4.9



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
71	182	10	112	33	140	138	116	7	11	90	-	27	-	108	249	284	278	45	30	M5	14	16	5X5

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