

AGM 71 4a

3-Phase 230/400 V 50 Hz

Duty Type : S1

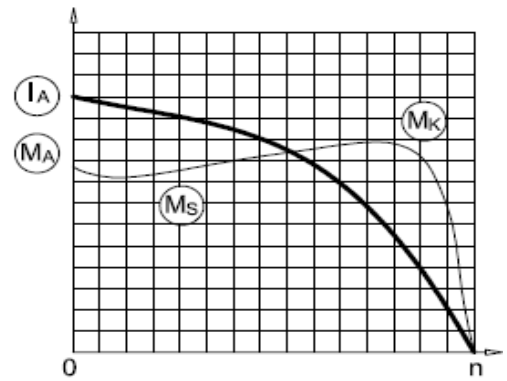
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 0.25

Speed (rpm) : 1380

Rated current (A) : 0.81

Torque – Mn (Nm) : 1.73

Cos φ : 0.72

	4/4	3/4	1/2
Efficiency %	61.9	61.8	58.2

Moment of inertia J (kgm)² : 0.0004

Locked rotor Current – Ia (A) : 2

Ia / In : 2.9

Locked rotor Torque – Ma (Nm) : 3

Ma / Mn : 1.8

Y / Δ Starting

Locked rotor Current – Ia (A) : -

Ia / In : -

Locked rotor Torque – Ma (Nm) : -

Ma / Mn : -

Breakdown Torque – Mk (Nm) : 4

Mk / Mn : 2.2

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

Reinforced design

Noise Level (dB-A) : 44

Paint : RAL 7031- Grey

Approximate weight (kg) : 4.9

Drive End

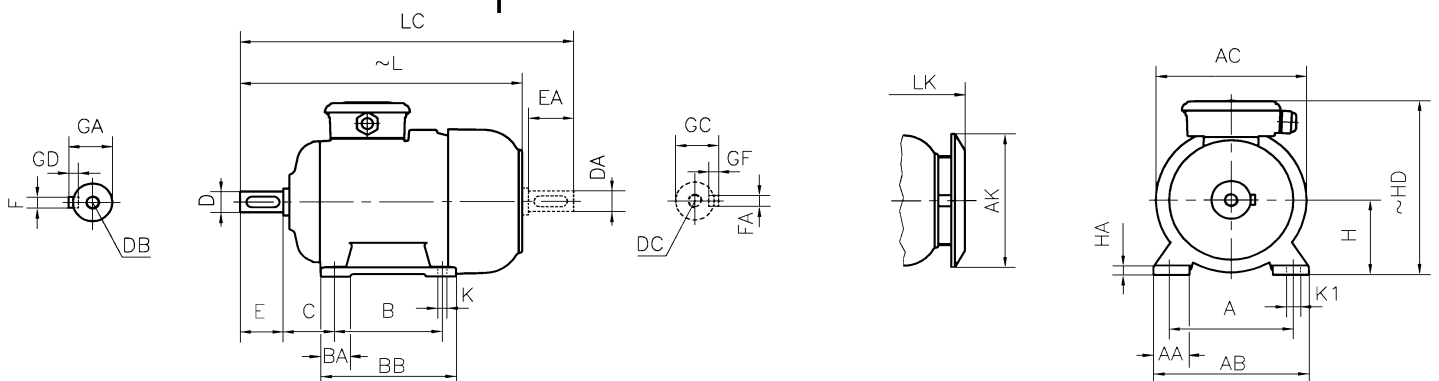
6202 ZZ

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Non Drive End

6202 ZZ

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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.