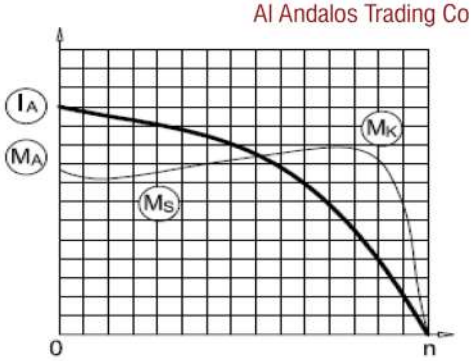
AGM 112 M 6

GAMAK

شركة الأندلس التجارية
Al Andalos Trading Co

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

Rated output (kW) : 2.2

Speed (rpm) : 950

Rated current (A) : 5.4

Torque – Mn (Nm) : 22

Cos φ : 0.72

	4/4	3/4	1/2
Efficiency %	: 81.8	81.7	78.5

Moment of inertia J (kgm)² : 0.013

Direct On Line

Locked rotor Current – Ia (A) : 25

Ia / In : 4.7

Locked rotor Torque – Ma (Nm) : 48

Ma / Mn : 2.2

Y / Δ Starting

Locked rotor Current – Ia (A) : -

Ia / In : -

Locked rotor Torque – Ma (Nm) : -

Ma / Mn : -

Breakdown Torque – Mk (Nm) : 55

Mk / Mn : 2.5

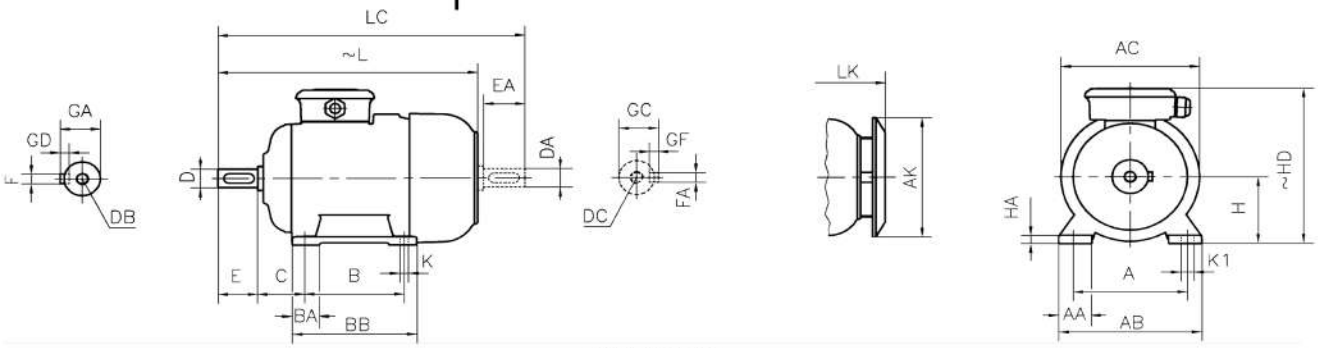
MECHANICAL DESIGN

Frame	: Aluminium
End shields	: Aluminium
Cooling fan	: Plastic
Terminal box	: Plastic
Cable gland	: Pg 16
No of cable glands	: 2

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6206 ZZ	6206 ZZ
Reinforced design	-	-

Noise Level (dB-A)	: 55
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 26.5



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
112	257	13	190	47	230	218	189	12	18	140	-	39	-	175	396	462	433	70	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.

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