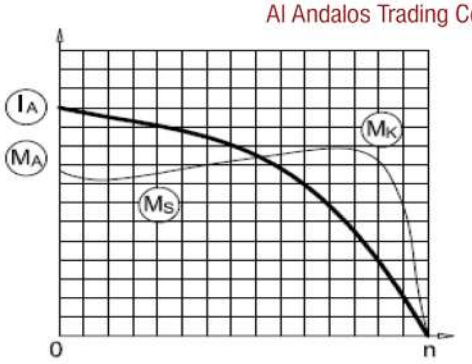
AGM112 M 2

GAMAK

شركة الأندلس التجارية
Al Andalos Trading Co

3-Phase 400 V (Δ) 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

Direct On Line

Rated output (kW)	: 4	Locked rotor Current – Ia (A)	: 53
		Ia / In	: 7.2
Speed (rpm)	: 2880	Locked rotor Torque – Ma (Nm)	: 37
		Ma / Mn	: 2.8
Rated current (A)	: 7.4		

Y / Δ Starting

Torque – Mn (Nm)	: 13.1		
		Locked rotor Current – Ia (A)	: 17
Cos φ	: 0.90	Ia / In	: 2.3
	4/4 3/4 1/2	Locked rotor Torque – Ma (Nm)	: 12
Efficiency %	: 86.5 86.5 86	Ma / Mn	: 0.9
Moment of inertia J (kgm)²	: 0.0039	Breakdown Torque – Mk (Nm)	: 46
		Mk / Mn	: 3.5

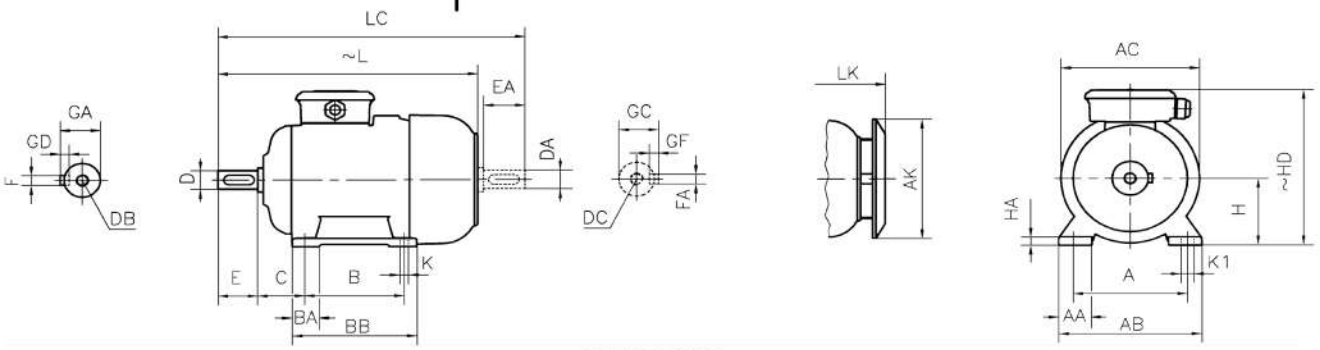
MECHANICAL DESIGN

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)	: 63
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 21.5



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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