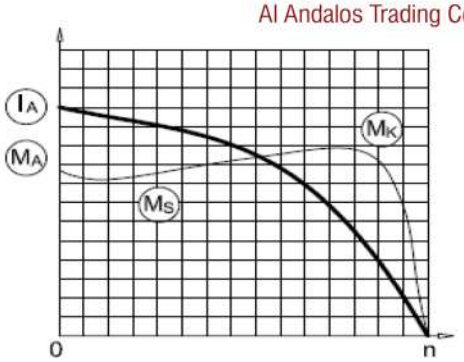
AGM 100 L 6

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)	: 1.5
Speed (rpm)	: 945
Rated current (A)	: 3.6
Torque – Mn (Nm)	: 15.2
Cos φ	: 0.75

	4/4	3/4	1/2
Efficiency %	: 79.8	79.7	76.4

Moment of inertia J (kgm)² : 0.0077

Direct On Line

Locked rotor Current – Ia (A)	: 16
Ia / In	: 4.5
Locked rotor Torque – Ma (Nm)	: 33
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)	: 36
Mk / Mn	: 2.4

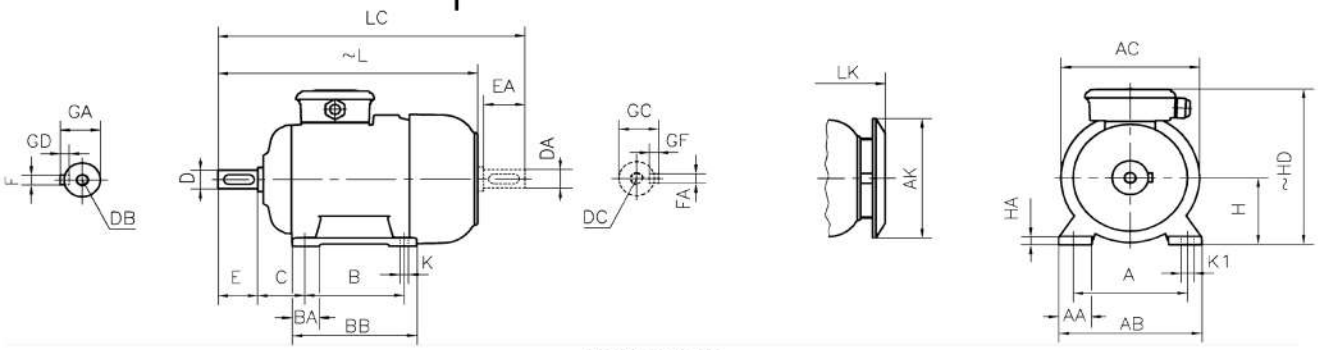
MECHANICAL DESIGN

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)	: 50
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 19.1



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
100	234	13	160	47	200	194	189	12	18	140	-	39	-	175	376	442	413	63	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.

contact:
Mob:00201022621584/00201092425789
Email:info@andalos-trading.com
website:www.andalos-trading.com

Egypt-Giza-of October City
Lelat Alqader-Almaged Center