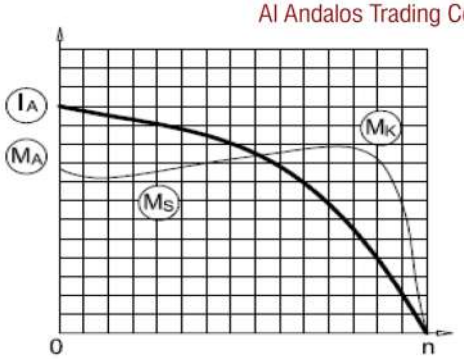
AGM160 L 6

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

Rated output (kW) : 11

Speed (rpm) : 965

Rated current (A) : 22

Torque – Mn (Nm) : 108.9

Cos φ : 0.81

	4/4	3/4	1/2
Efficiency %	: 88.7	88.7	85.7

Moment of inertia J (kgm)² : 0.12

Direct On Line

Locked rotor Current – Ia (A) : 143
Ia / In : 6.5
Locked rotor Torque – Ma (Nm) : 272
Ma / Mn : 2.5

Y / Δ Starting

Locked rotor Current – Ia (A) : 46
Ia / In : 2.1
Locked rotor Torque – Ma (Nm) : 87
Ma / Mn : 0.8

Breakdown Torque – Mk (Nm) : 327
Mk / Mn : 3.0

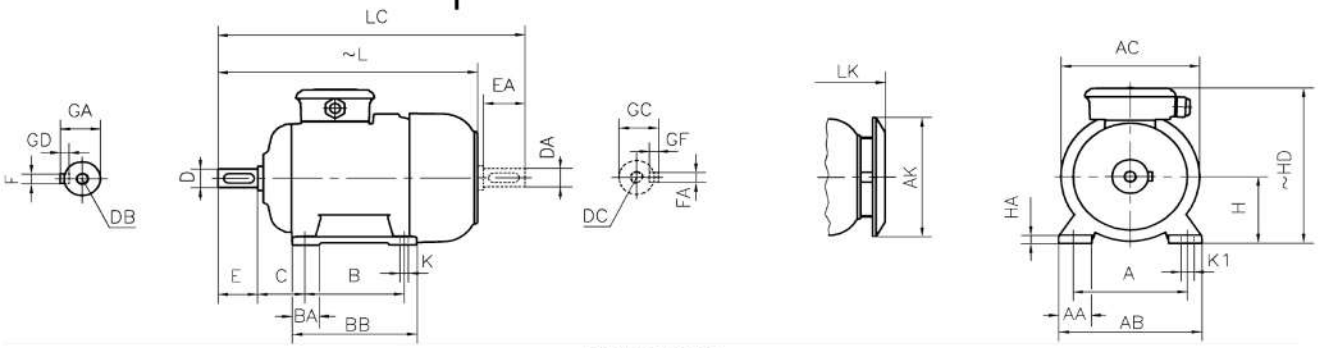
MECHANICAL DESIGN

Frame	: Aluminium
End shields	: Aluminium
Cooling fan	: Plastic
Terminal box	: Plastic
Cable gland	: Pg 29
No of cable glands	: 2

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6309 ZZ C3	6209 ZZ C3
Reinforced design	NU 309 E	6309 C3

Noise Level (dB-A) : 62
Paint : RAL 7031- Grey
Approximate weight (kg) : 102



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
160	380	21.5	254	60	312	310	303	15	19	210	254	60	104	304	644	760	701	108	110	M16	42	45	12X8

* 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