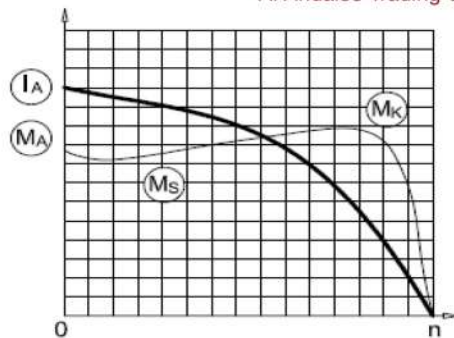


GM 160 L 4



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

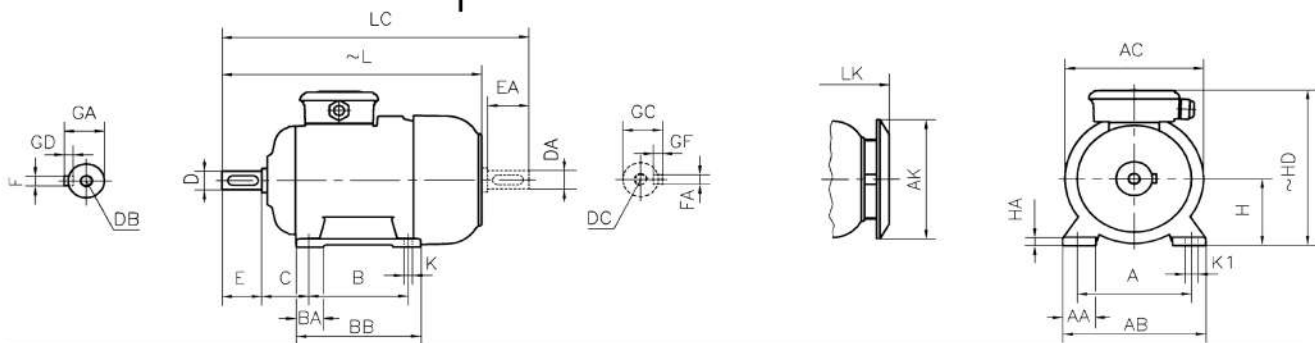
Rated output (kW) : 15	Locked rotor Current – Ia (A) : 224
	Ia / In : 7.5
Speed (rpm) : 1465	Locked rotor Torque – Ma (Nm) : 254
	Ma / Mn : 2.6
Rated current (A) : 29.8	
Y / Δ Starting	
Torque – Mn (Nm) : 97.8	Locked rotor Current – Ia (A) : 72
	Ia / In : 2.4
Cos φ : 0.82	Locked rotor Torque – Ma (Nm) : 78
	Ma / Mn : 0.8
Efficiency % : 90.6 90.7 89.7	Breakdown Torque – Mk (Nm) : 342
	Mk / Mn : 3.5
Moment of inertia J (kgm) ² : 0.088	

MECHANICAL DESIGN

- Frame : Cast Iron
- End shields : Cast Iron
- 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)	: 63	
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 135	



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	DB	ØD	GA	FxGD
	~														~		~	EA	DC	ØDA	GC	FAXGF	
160	380	22	254	60	312	310	303	15	-	254	-	62	-	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