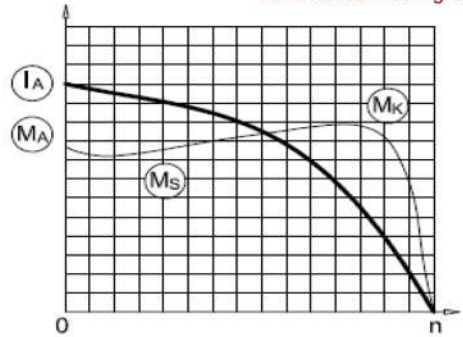


AGM160 M 6



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) : 7.5	Locked rotor Current – I _a (A) : 98
	I _a / I _n : 6.5
Speed (rpm) : 960	Locked rotor Torque – M _a (Nm) : 187
	M _a / M _n : 2.5
Rated current (A) : 15	
Torque – M _n (Nm) : 74.6	
Cos φ : 0.83	
Efficiency % : 87.2 87.2 84.5	
Moment of inertia J (kgm) ² : 0.08	Locked rotor Current – I _a (A) : 32
	I _a / I _n : 2.1
	Locked rotor Torque – M _a (Nm) : 60
	M _a / M _n : 0.8
	Breakdown Torque – M _k (Nm) : 224
	M _k / M _n : 3.0

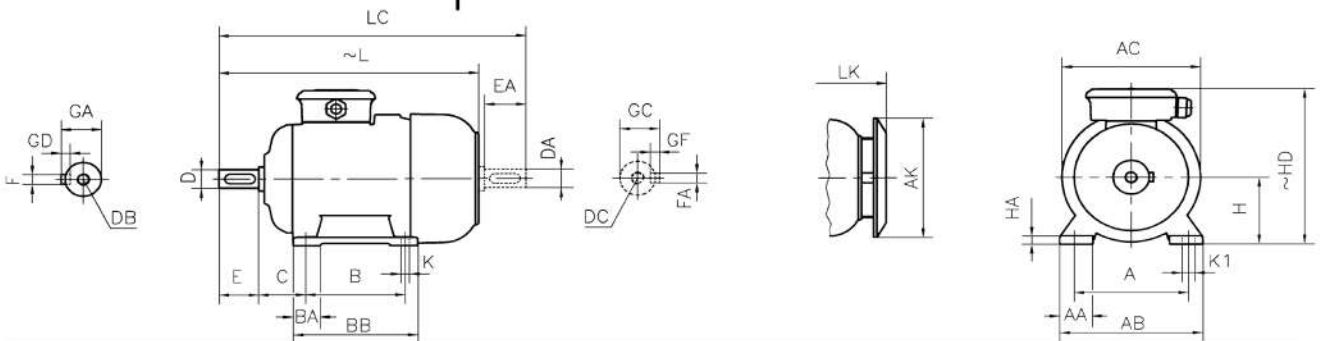
Y / Δ Starting

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)	: 75	



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	ØDA	GA	GC	FxGD	FAXGF
160	380	21.5	254	60	312	310	303	15	19	210	254	60	104	304	600	716	657	108	110	M16	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.

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Egypt-Giza-of October City

Lelat Alqader-Almaged Center