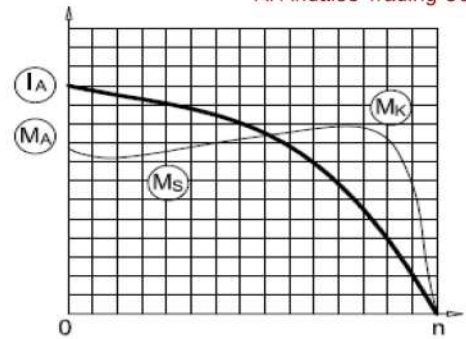


GMM 355 L 4b



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) : 450	Locked rotor Current – Ia (A) : 5411
	Ia / In : 7.0
Speed (rpm) : 1488	Locked rotor Torque – Ma (Nm) : 7220
	Ma / Mn : 2.5
Rated current (A) : 773	
Torque – Mn (Nm) : 2888	
Cos φ : 0.89	
Efficiency % : 95.1 95.1 94.5	
Moment of inertia J (kgm) ² : 8.2	Locked rotor Current – Ia (A) : 1778
	Ia / In : 2.3
	Locked rotor Torque – Ma (Nm) : 2310
	Ma / Mn : 0.8
	Breakdown Torque – Mk (Nm) : 7509
	Mk / Mn : 2.6

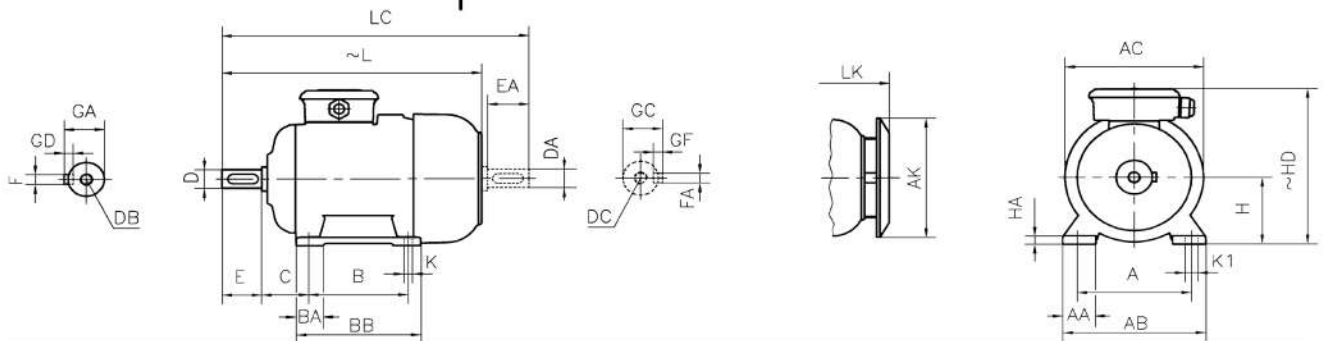
Y / Δ Starting

MECHANICAL DESIGN

- Frame : Cast Iron
- End shields : Cast Iron
- Cooling fan : Plastic
- Terminal box : Aluminium
- Cable gland : M79
- No of cable glands : 2

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6321 C3	6321 C3
Reinforced design	NU 321 E	6321 C3
Noise Level (dB-A)	: 75	
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 1740	



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
355	980	50	610	150	740	732	571	28	-	630	-	140	-	750	1507	1727	1584	254	210	M24	100	106	28X16					

* 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