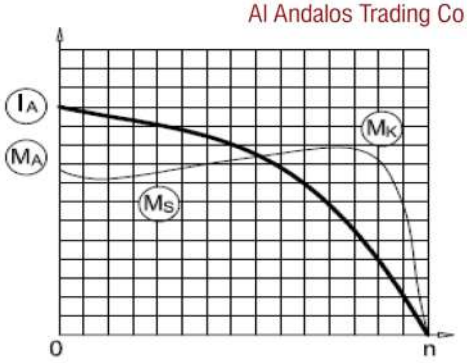
GMM 355 M 6b

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

Direct On Line

Rated output (kW)	: 200	Locked rotor Current – Ia (A)	: 2415
		Ia / In	: 7.0
Speed (rpm)	: 990	Locked rotor Torque – Ma (Nm)	: 4823
		Ma / Mn	: 2.5
Rated current (A)	: 345		

Y / Δ Starting

Torque – Mn (Nm)	: 1929		
		Locked rotor Current – Ia (A)	: 794
		Ia / In	: 2.3
Cos φ	: 0.88	Locked rotor Torque – Ma (Nm)	: 1543
		Ma / Mn	: 0.8
Moment of inertia J (kgm)²	: 6.8	Breakdown Torque – Mk (Nm)	: 4630
		Mk / Mn	: 2.4

	4/4	3/4	1/2
Efficiency %	: 95.1	95.1	93.5

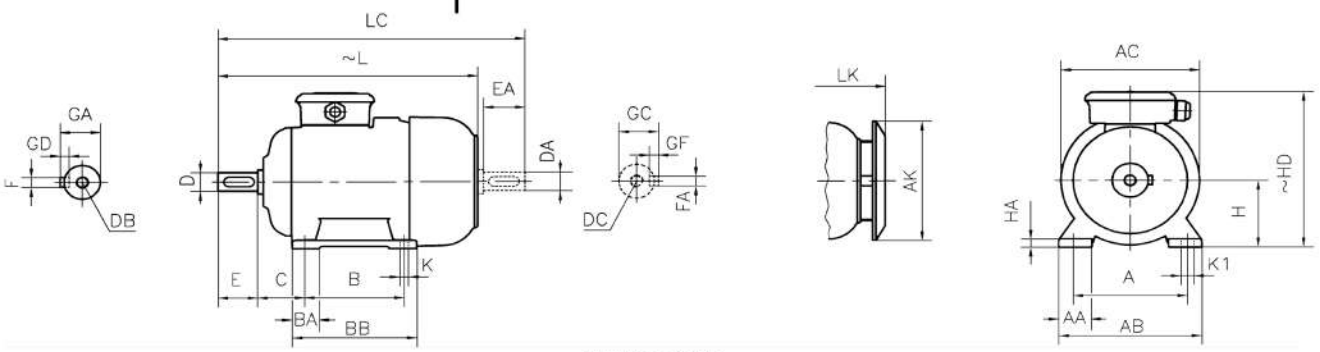
MECHANICAL DESIGN

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)	: 72
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 1185



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	-	560	-	140	-	680	1377	1597	1454	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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