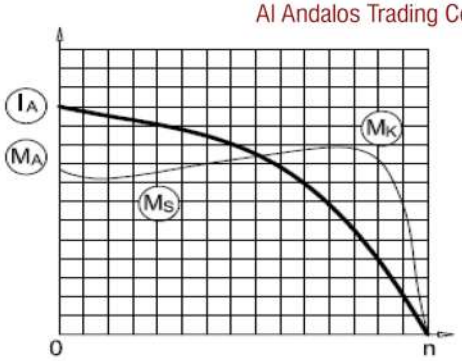
GMM355 M 2b

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)	: 315
Speed (rpm)	: 2990
Rated current (A)	: 516
Torque – Mn (Nm)	: 1009
Cos φ	: 0.92

	4/4	3/4	1/2
Efficiency %	: 95.8	95.8	94.7

Moment of inertia J (kgm)² : 4.5

Direct On Line

Locked rotor Current – Ia (A)	: 3612
Ia / In	: 7.0
Locked rotor Torque – Ma (Nm)	: 2018
Ma / Mn	: 2.0

Y / Δ Starting

Locked rotor Current – Ia (A)	: 1238
Ia / In	: 2.4
Locked rotor Torque – Ma (Nm)	: 605
Ma / Mn	: 0.6
Breakdown Torque – Mk (Nm)	: 2523
Mk / Mn	: 2.5

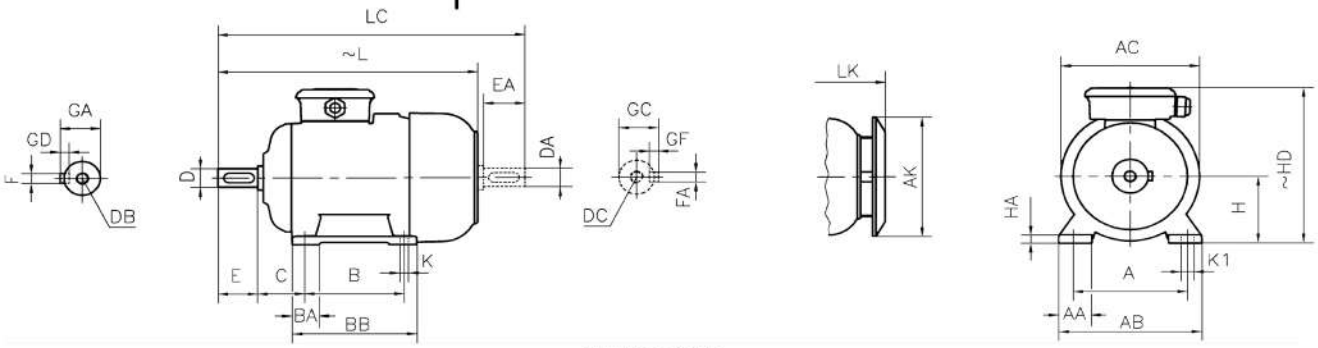
MECHANICAL DESIGN

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	6318 C3	6318 C3
Reinforced design	NU 318 E	6318 C3

Noise Level (dB-A)	: 79
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 1360



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	1337	1517	1414	254	170	M20	80	85	22X14

* 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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