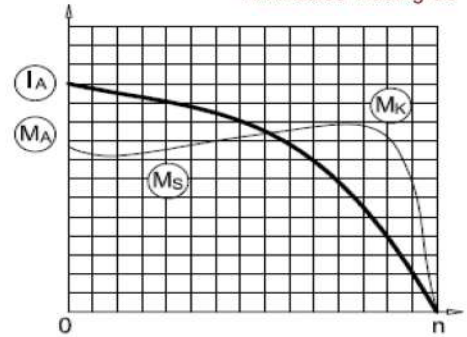


GMM 355 M 4b



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) : 315
- Speed (rpm) : 1487
- Rated current (A) : 540
- Torque – Mn (Nm) : 2023
- Cos φ : 0.89
- Efficiency % : 95.1 (4/4), 95.1 (3/4), 94.2 (1/2)

- Locked rotor Current – Ia (A) : 3780
- Ia / In : 7.0
- Locked rotor Torque – Ma (Nm) : 4046
- Ma / Mn : 2.0

Y / Δ Starting

Moment of inertia J (kgm)² : 6

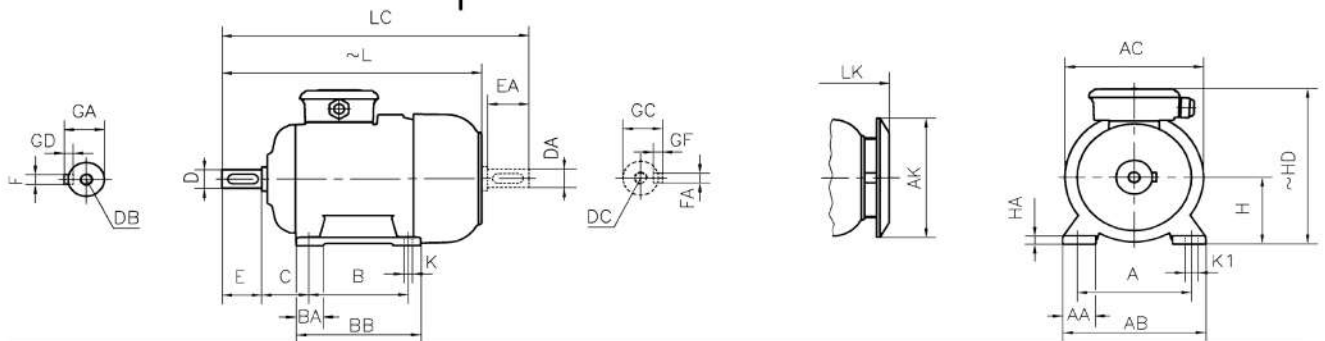
- Locked rotor Current – Ia (A) : 1242
- Ia / In : 2.3
- Locked rotor Torque – Ma (Nm) : 1214
- Ma / Mn : 0.6
- Breakdown Torque – Mk (Nm) : 5664
- Mk / Mn : 2.8

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)	: 1400	



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	100	106	28X16	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