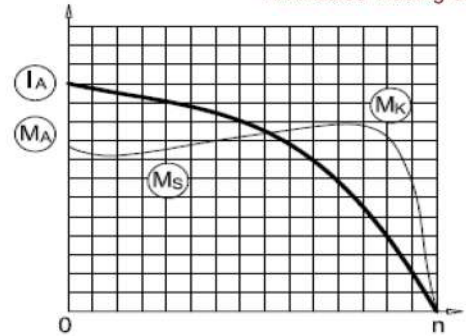


GMM355 M 2a



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

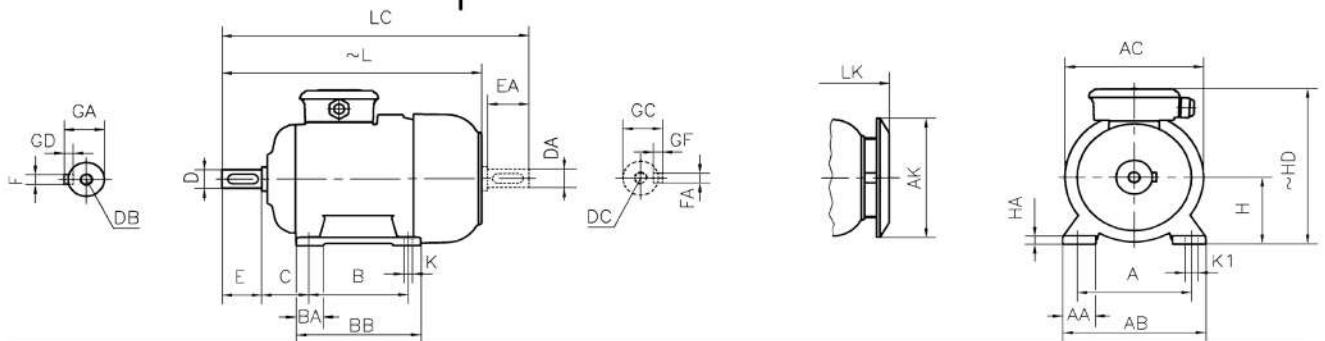
Rated output (kW) : 250	Locked rotor Current – Ia (A) : 2891
	Ia / In : 7.0
Speed (rpm) : 2990	Locked rotor Torque – Ma (Nm) : 1602
	Ma / Mn : 2.0
Rated current (A) : 413	
Y / Δ Starting	
Torque – Mn (Nm) : 801	Locked rotor Current – Ia (A) : 991
	Ia / In : 2.4
Cos φ : 0.92	Locked rotor Torque – Ma (Nm) : 481
	Ma / Mn : 0.6
Efficiency % : 95.8 95.8 94.6	Breakdown Torque – Mk (Nm) : 2003
	Mk / Mn : 2.5
Moment of inertia J (kgm) ² : 3.6	

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)	: 1170	



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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