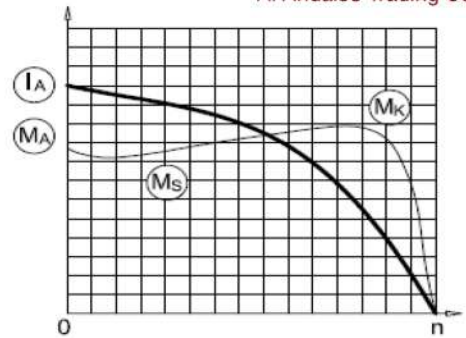


AGM100 L 4b



3-Phase 230/400 V 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) : 3
- Speed (rpm) : 1445
- Rated current (A) : 6.6
- Torque – Mn (Nm) : 19.8
- Cos φ : 0.75
- Efficiency % : 87.7 (4/4), 87.8 (3/4), 86.1 (1/2)
- Moment of inertia J (kgm)² : 0.0068

- Locked rotor Current – Ia (A) : 42
- Ia / In : 6.4
- Locked rotor Torque – Ma (Nm) : 63
- Ma / Mn : 3.2

Y / Δ Starting

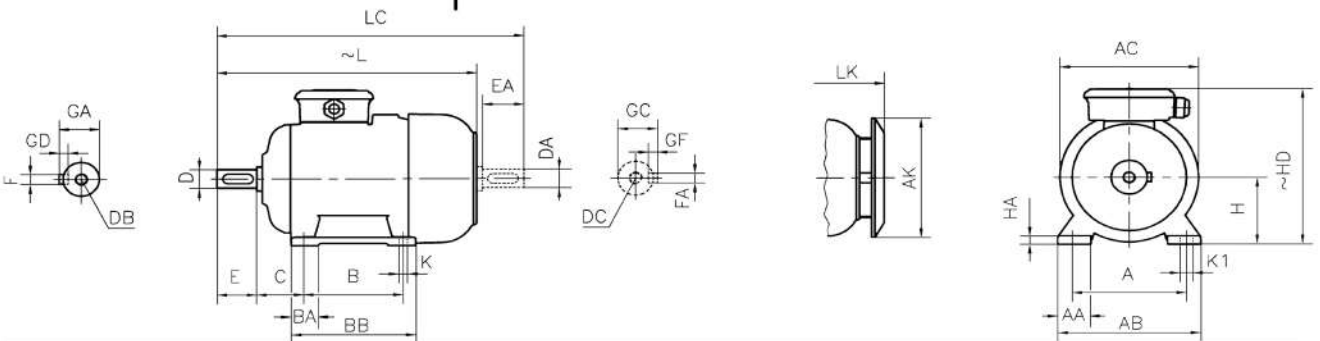
- Locked rotor Current – Ia (A) : -
- Ia / In : -
- Locked rotor Torque – Ma (Nm) : -
- Ma / Mn : -
- Breakdown Torque – Mk (Nm) : 75
- Mk / Mn : 3.8

MECHANICAL DESIGN

- Frame : Aluminium
- End shields : Aluminium
- Cooling fan : Plastic
- Terminal box : Plastic
- Cable gland : Pg 16
- No of cable glands : 2

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6206 ZZ	6206 ZZ
Reinforced design	-	-
Noise Level (dB-A)	: 50	
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 28	



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
100	234	13	160	47	200	194	189	12	18	140	-	39	-	175	406	472	443	63	60	M10	28	28	28	31	31	8X7	8X7	

* 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