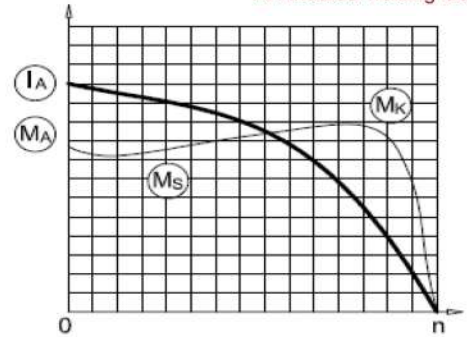


AGM 71 6b



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) : 0.25	Locked rotor Current – I _a (A) : 3
Speed (rpm) : 915	I _a / I _n : 3.2
Rated current (A) : 0.83	Locked rotor Torque – M _a (Nm) : 4
Torque – M _n (Nm) : 2.61	M _a / M _n : 1.7
Cos φ : 0.68	
Efficiency % : 63.8 63.7 59.6	

Y / Δ Starting

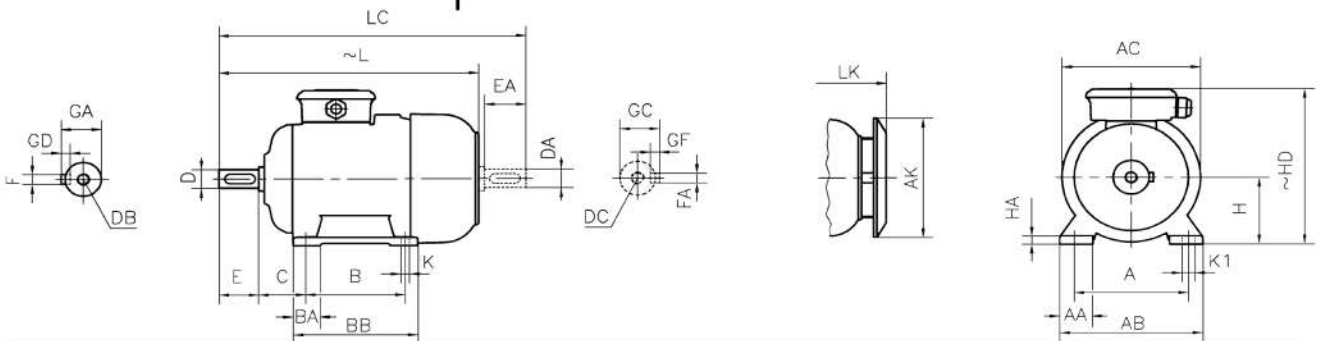
Locked rotor Current – I _a (A) : -
I _a / I _n : -
Locked rotor Torque – M _a (Nm) : -
M _a / M _n : -
Breakdown Torque – M _k (Nm) : 5
M _k / M _n : 2.1

MECHANICAL DESIGN

- Frame : Aluminium
- End shields : Aluminium
- Cooling fan : Plastic
- Terminal box : Plastic
- Cable gland : Pg 16
- No of cable glands : 1

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6202 ZZ	6202 ZZ
Reinforced design	-	-
Noise Level (dB-A) : 42		
Paint : RAL 7031- Grey		
Approximate weight (kg) : 5.7		



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
71	182	10	112	33	140	138	116	7	11	90	-	27	-	108	249	284	278	45	30	M5	M5	14	14	16	16	5X5	5X5	

* 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