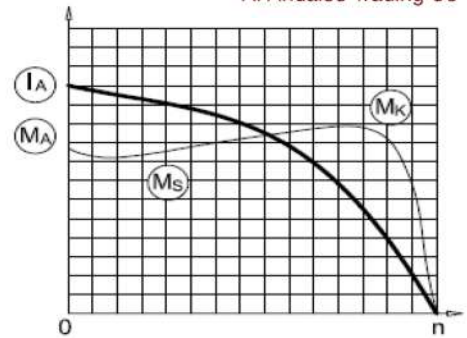


AGM90 S 4



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) : 1.1	Locked rotor Current – Ia (A) : 13
	Ia / In : 5.1
Speed (rpm) : 1440	Locked rotor Torque – Ma (Nm) : 18
	Ma / Mn : 2.5
Rated current (A) : 2.6	
Torque – Mn (Nm) : 7.35	
Cos φ : 0.73	
Efficiency % : 84.1 (4/4) 84.1 (3/4) 82.8 (1/2)	

Y / Δ Starting

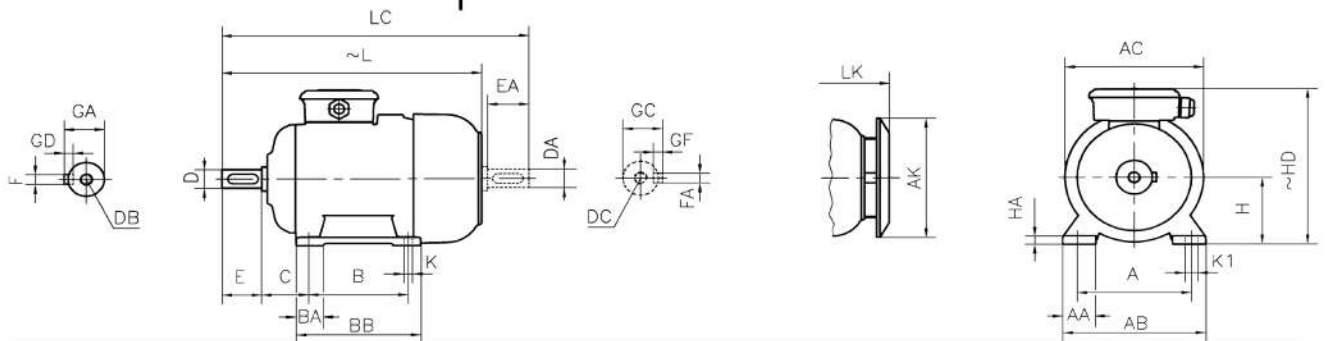
Moment of inertia J (kgm) ² : 0.0025	Locked rotor Current – Ia (A) : -
	Ia / In : -
	Locked rotor Torque – Ma (Nm) : -
	Ma / Mn : -
	Breakdown Torque – Mk (Nm) : 22
	Mk / Mn : 3.0

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	6205 ZZ	6205 ZZ
Reinforced design	-	-
Noise Level (dB-A) : 46		
Paint : RAL 7031- Grey		
Approximate weight (kg) : 13.7		



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	DB	ØD	GA	FxGD
~	~																	EA	DC	ØDA	GC	FAXGF	
90	216	12	140	43	180	176	151	10	15	100	-	35	-	130	309	364	338	56	50	M8	24	27	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