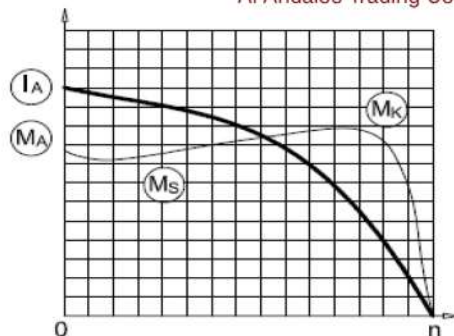


AGM 80 4a



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) : 0.55	Locked rotor Current – Ia (A) : 6
	Ia / In : 3.5
Speed (rpm) : 1365	Locked rotor Torque – Ma (Nm) : 7
	Ma / Mn : 1.9
Rated current (A) : 1.6	
Torque – Mn (Nm) : 3.85	
Cos φ : 0.72	
Efficiency % : 69.1 69 65.2	
	Locked rotor Current – Ia (A) : -
	Ia / In : -
	Locked rotor Torque – Ma (Nm) : -
	Ma / Mn : -

Y / Δ Starting

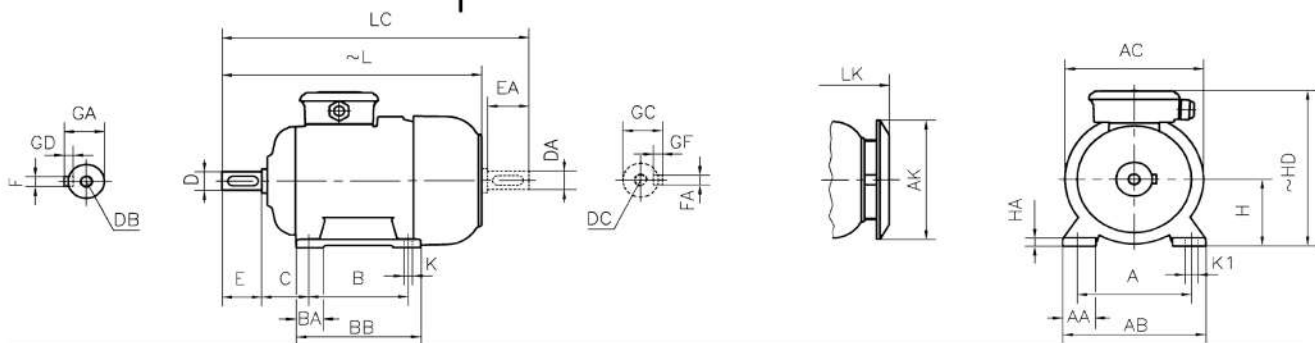
Moment of inertia J (kgm) ² : 0.00083	Breakdown Torque – Mk (Nm) : 8
	Mk / Mn : 2.0

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	6204 ZZ	6204 ZZ
Reinforced design	-	-
Noise Level (dB-A) : 46		
Paint : RAL 7031- Grey		
Approximate weight (kg) : 7.5		



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
80	198	10	125	38	160	156	151	10	15	100	-	33	-	125	279	324	308	50	40	M6	19	21.5	6X6

* 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