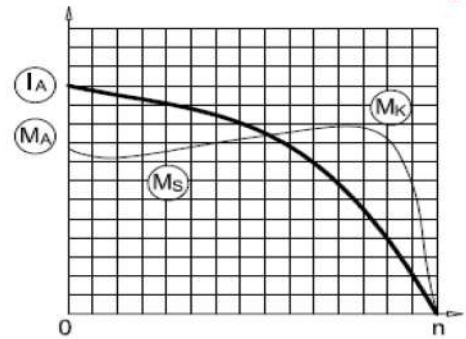


AGM80 2a

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) : 0.75
Speed (rpm) : 2860
Rated current (A) : 1.7
Torque – Mn (Nm) : 2.5
Cos φ : 0.82
Efficiency % : 77.8 (4/4), 77.7 (3/4), 74.6 (1/2)

Locked rotor Current – Ia (A) : 11
Ia / In : 6.2
Locked rotor Torque – Ma (Nm) : 6
Ma / Mn : 2.5

Y / Δ Starting

Moment of inertia J (kgm)² : 0.00053

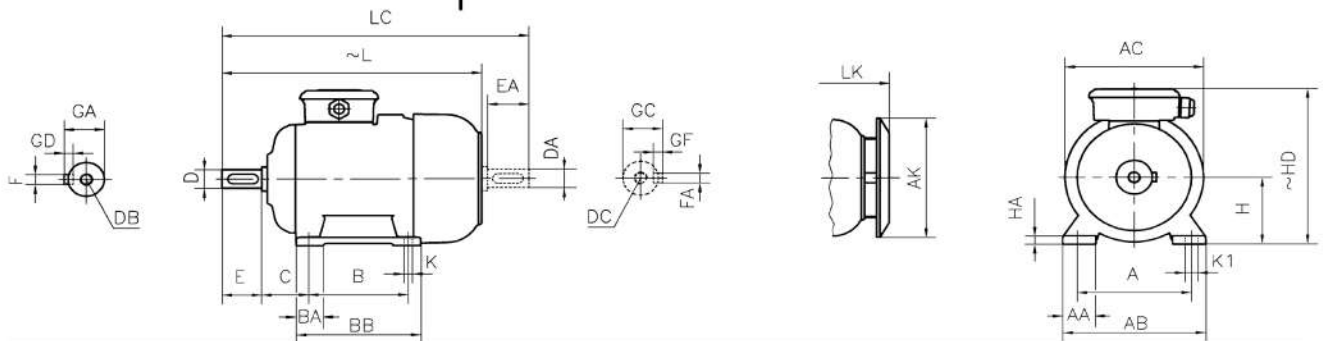
Locked rotor Current – Ia (A) : -
Ia / In : -
Locked rotor Torque – Ma (Nm) : -
Ma / Mn : -
Breakdown Torque – Mk (Nm) : 8
Mk / Mn : 3.0

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	6204 ZZ	6204 ZZ
Reinforced design	-	-
Noise Level (dB-A)	: 54	
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 8	



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	
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