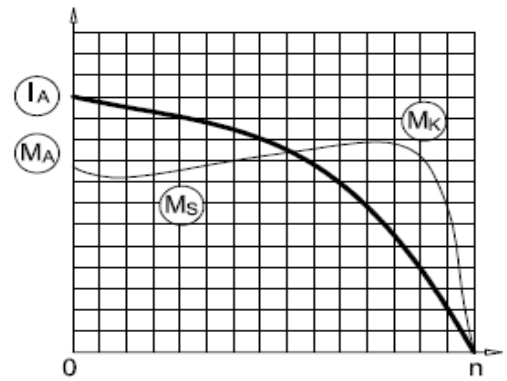


AGM 63 2a

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

GAMAK



ELECTRICAL DESIGN

Direct On Line

Rated output (kW) : 0.18
Speed (rpm) : 2820
Rated current (A) : 0.5
Torque – Mn (Nm) : 0.61
Cos φ : 0.81
Efficiency % : 64.4 64.2 57.7

Locked rotor Current – I_a (A) : 2
I_a / I_n : 4.6
Locked rotor Torque – M_a (Nm) : 2
M_a / M_n : 2.9

Y / Δ Starting

Torque – Mn (Nm) : 0.61
Cos φ : 0.81
Efficiency % : 64.4 64.2 57.7
Moment of inertia J (kgm)² : 0.00011

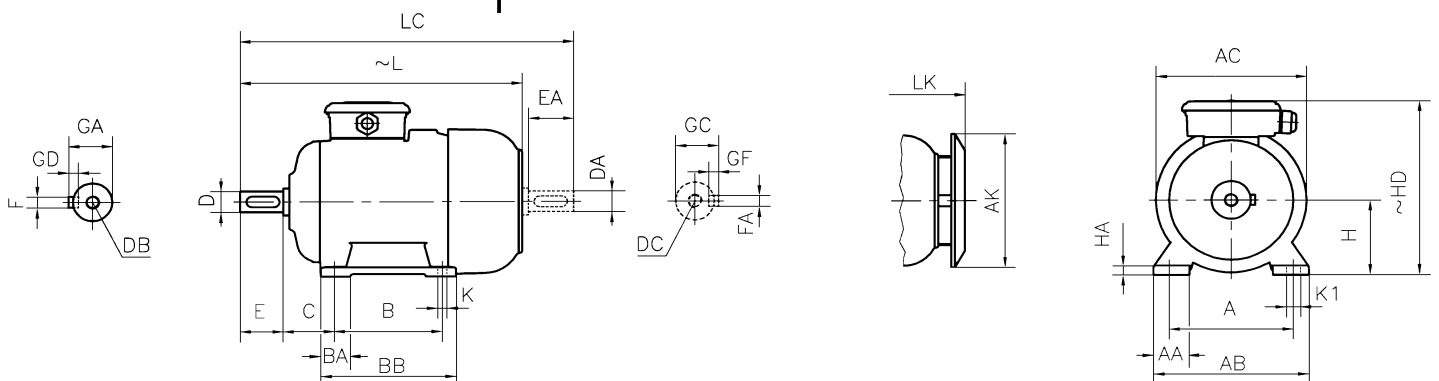
Locked rotor Current – I_a (A) : -
I_a / I_n : -
Locked rotor Torque – M_a (Nm) : -
M_a / M_n : -
Breakdown Torque – M_k (Nm) : 2
M_k / M_n : 2.9

MECHANICAL DESIGN

Frame : Aluminium
End shields : Aluminium
Cooling fan : Plastic
Terminal box : Plastic
Cable gland : Pg 11
No of cable glands : 1

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6201 ZZ	6201 ZZ
Reinforced design	-	-
Noise Level (dB-A)	52	
Paint	RAL 7031- Grey	
Approximate weight (kg)	3.6	



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
63	160	10	100	31	125	121	116	7	11	80	-	27	-	103	216	243	245	40	23	M4	11	12.5	4X4

* Efficiencies are calculated according to indirect method where the additional load losses are determined from exact measurements at different load points.