

AGM 56 2a

3-Phase 230/400 V 50 Hz

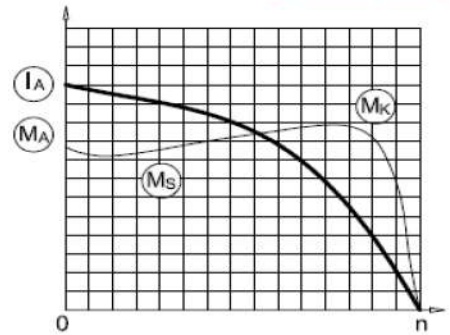
Duty Type : S1

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) : 0.09

Locked rotor Current – Ia (A) : 1

Ia / In : 4.1

Speed (rpm) : 2800

Locked rotor Torque – Ma (Nm) : 1

Ma / Mn : 2.7

Rated current (A) : 0.26

Y / Δ Starting

Torque – Mn (Nm) : 0.31

Locked rotor Current – Ia (A) : -

Ia / In : -

Cos φ : 0.79

Locked rotor Torque – Ma (Nm) : -

	4/4	3/4	1/2
Efficiency %	63.4	63.1	55.8

Ma / Mn : -

Moment of inertia J (kgm)² : 0.00011

Breakdown Torque – Mk (Nm) : 1

Mk / Mn : 2.8

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 11

No of cable glands : 1

Bearing Arrangement

Standard design

Drive End

6200 ZZ

Non Drive End

6200 ZZ

Reinforced design

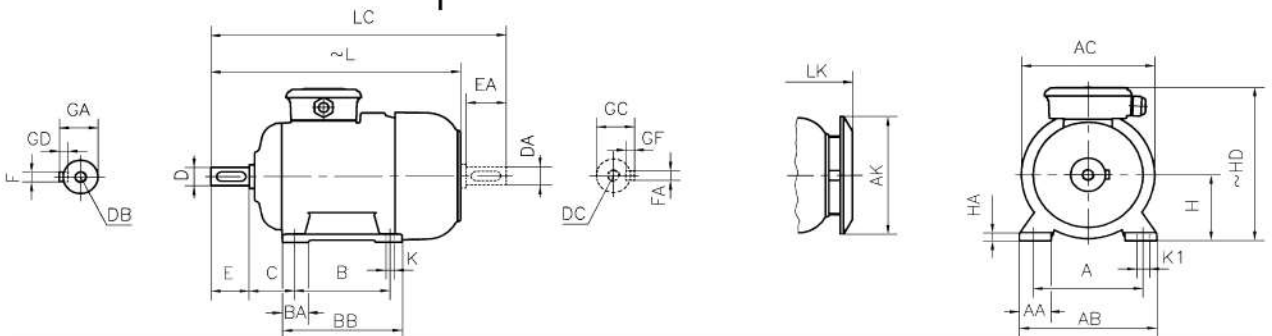
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Noise Level (dB-A) : 42

Paint : RAL 7031- Grey

Approximate weight (kg) : 2.7



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	ØDA	GA	GC	FxGD	FAXGF
56	152	9	90	28	112	105	-	5.8	9	71	-	24	-	87	161	185	-	36	20	M4	9	10.2	3X3				

* 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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