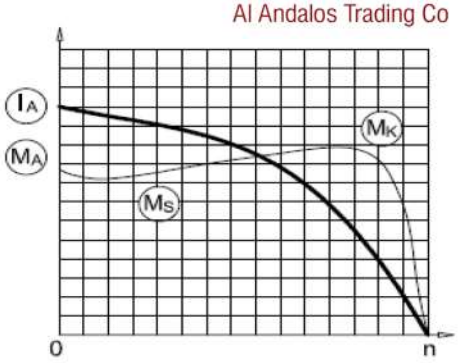
AGM 71 4b



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)	: 0.37			Locked rotor Current – Ia (A)	: 4
				Ia / In	: 3.7
Speed (rpm)	: 1390			Locked rotor Torque – Ma (Nm)	: 6
				Ma / Mn	: 2.2
Rated current (A)	: 1.15				

Y / Δ Starting

Torque – Mn (Nm)	: 2.54				
				Locked rotor Current – Ia (A)	: -
Cos φ	: 0.68			Ia / In	: -
	4/4	3/4	1/2	Locked rotor Torque – Ma (Nm)	: -
Efficiency %	: 68.1	68.1	67.1	Ma / Mn	: -
Moment of inertia J (kgm)²	: 0.00054			Breakdown Torque – Mk (Nm)	: 6
				Mk / Mn	: 2.5

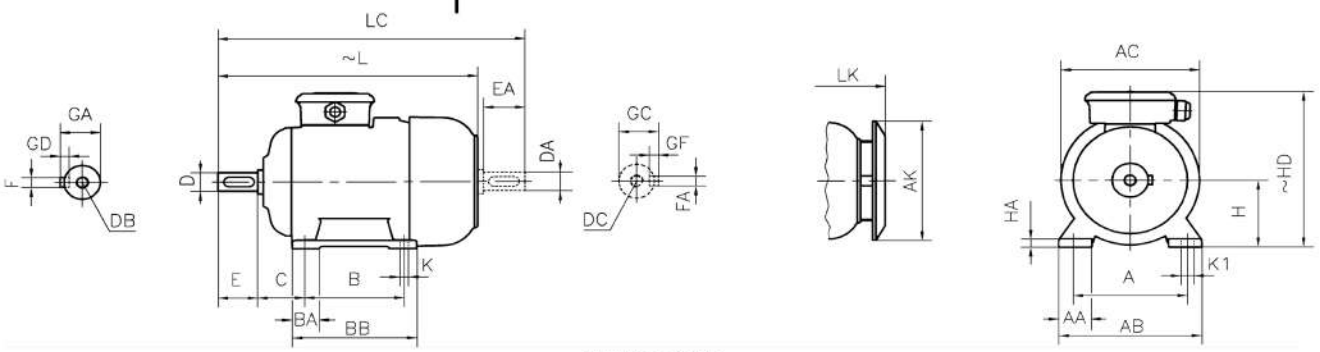
MECHANICAL DESIGN

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	6202 ZZ	6202 ZZ
Reinforced design	-	-

Noise Level (dB-A)	: 44
Paint	: RAL 7031- Grey
Approximate weight (kg)	: 5.8



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 EA	DB DC	ØD ØDA	GA GC	FxGD FAXGF
71	182	10	112	33	140	138	116	7	11	90	-	27	-	108	249	284	278	45	30	M5	14	16	5X5

* 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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