

AGM2E 132 S 2a

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

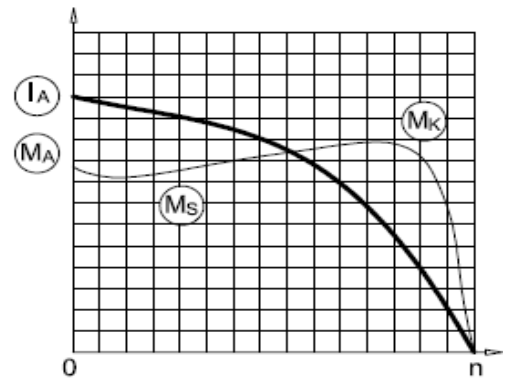
Duty Type : S1

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) : 5.5

Locked rotor Current – I_a (A) : 75

I_a / I_n : 7.3

Speed (rpm) : 2900

Locked rotor Torque – M_a (Nm) : 51

M_a / M_n : 2.8

Rated current (A) : 10.3

Y / Δ Starting

Torque – M_n (Nm) : 18.1

Locked rotor Current – I_a (A) : 25

I_a / I_n : 2.4

Cos φ : 0.88

Locked rotor Torque – M_a (Nm) : 16

	4/4	3/4	1/2
Efficiency %	87.3	87.3	86.5

M_a / M_n : 0.9

Moment of inertia J (kgm)² : 0.0108

Breakdown Torque – M_k (Nm) : 63

M_k / M_n : 3.5

MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 21

No of cable glands : 2

Bearing Arrangement

Standard design

Drive End

Non Drive End

6208 ZZ

6208 ZZ

Reinforced design

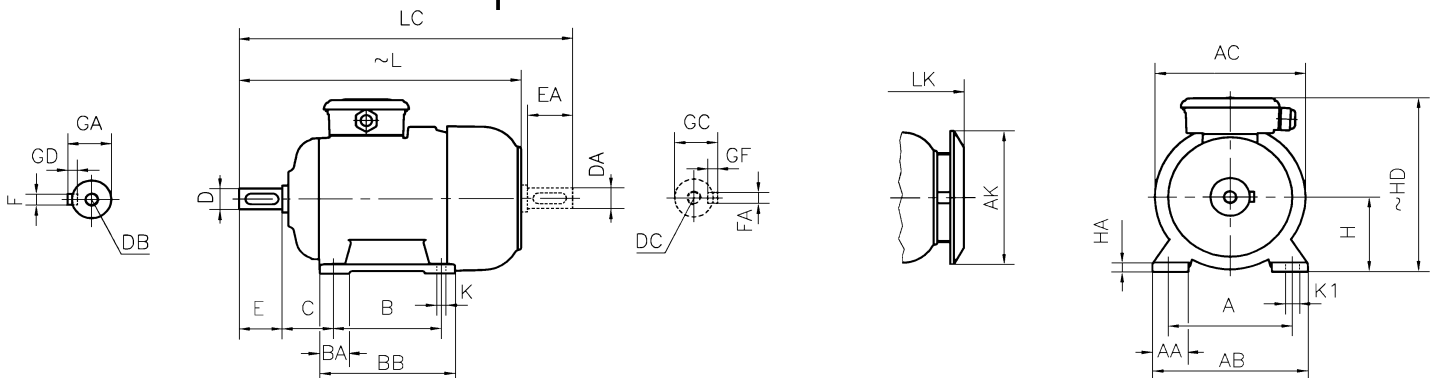
NU 208 E

6028 C3

Noise Level (dB-A) : 66

Paint : RAL 7031- Grey

Approximate weight (kg) : 37



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
132	300	15	216	49	260	257	239	12	18	140	-	46	-	180	460	546	497	89	80	M12	38	41	10X8

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