

GM2E 132 S 2b

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

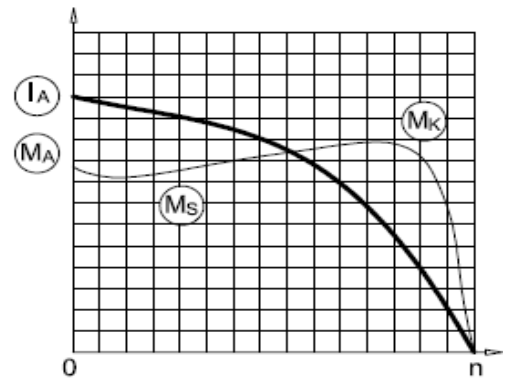
Duty Type : S1

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) : 7.5

Locked rotor Current – Ia (A) : 98

Ia / In : 7.2

Speed (rpm) : 2910

Locked rotor Torque – Ma (Nm) : 74

Ma / Mn : 3.0

Rated current (A) : 13.6

Y / Δ Starting

Torque – Mn (Nm) : 24.6

Locked rotor Current – Ia (A) : 31

Ia / In : 2.3

Cos φ : 0.90

Locked rotor Torque – Ma (Nm) : 25

Ma / Mn : 1.0

	4/4	3/4	1/2
Efficiency %	88.5	88.5	87.9

Moment of inertia J (kgm)² : 0.014

Breakdown Torque – Mk (Nm) : 84

Mk / Mn : 3.4

MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

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

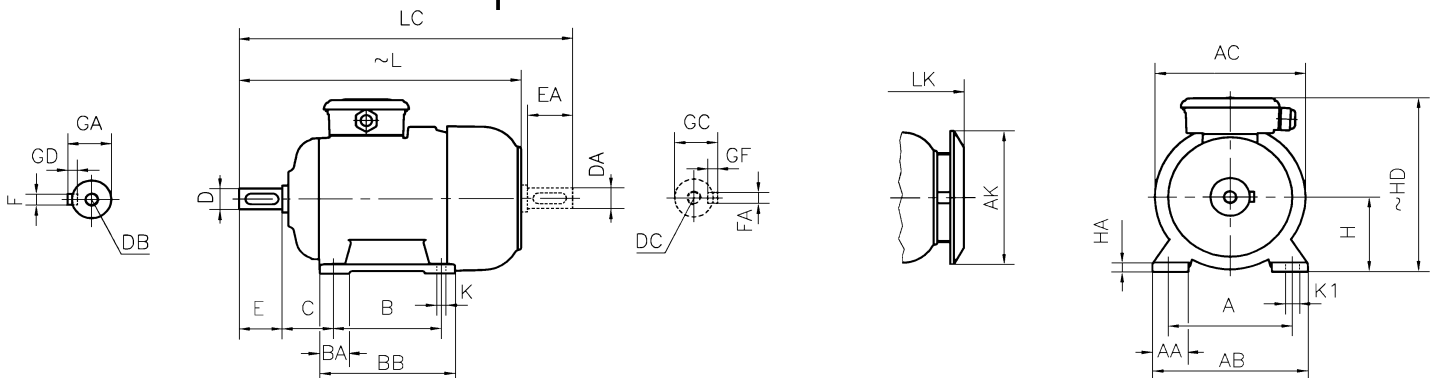
NU 208 E

6208 C3

Noise Level (dB-A) : 66

Paint : RAL 7031- Grey

Approximate weight (kg) : 56



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	52	260	257	239	12	-	140	-	46	84	218	498	584	535	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.