

AGM2E 132 M 4

IE2

GAMAK

3-Phase 400 V (Δ) 50 Hz

Duty Type : S1

Degree of protection : IP 55 (TEFC)

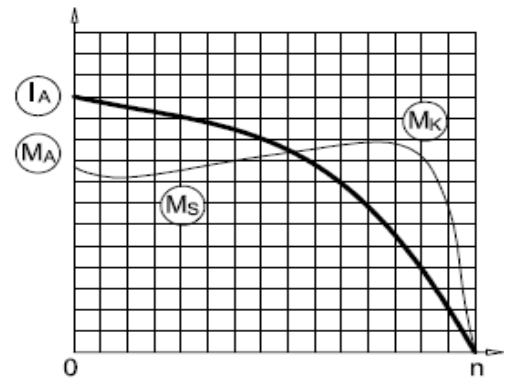
Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

ELECTRICAL DESIGN

Direct On Line



Rated output (kW) : 7.5

Locked rotor Current – I_a (A) : 109

I_a / I_n : 7.1

Speed (rpm) : 1465

Locked rotor Torque – M_a (Nm) : 132

M_a / M_n : 2.7

Rated current (A) : 15.4

Y / Δ Starting

Torque – M_n (Nm) : 48.9

Locked rotor Current – I_a (A) : 35

I_a / I_n : 2.3

Cos φ : 0.79

Locked rotor Torque – M_a (Nm) : 44

Efficiency % : 89.0 89.1 88.1

M_a / M_n : 0.9

Moment of inertia J (kgm)² : 0.026

Breakdown Torque – M_k (Nm) : 166

M_k / M_n : 3.4

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

6208 ZZ

Non Drive End

6208 ZZ

Reinforced design

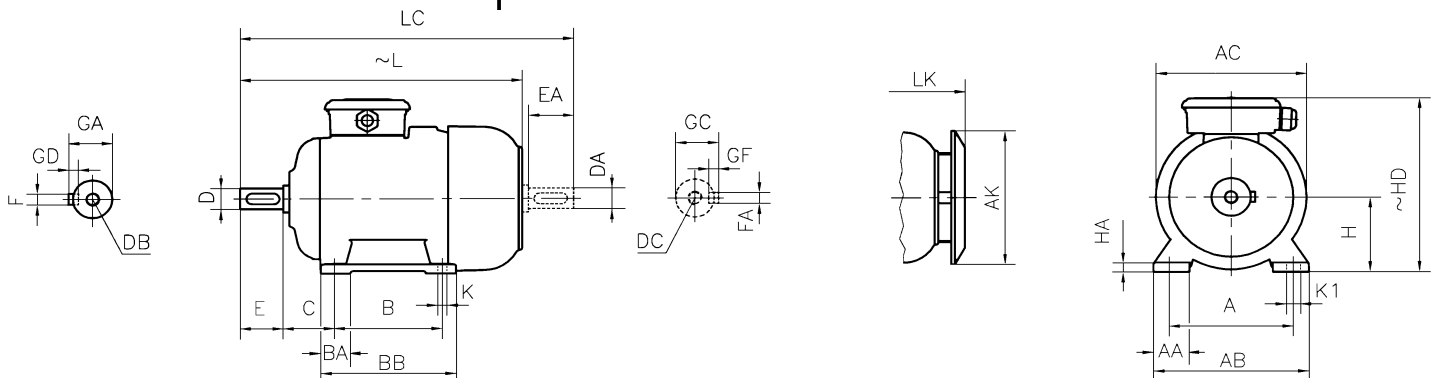
NU 208 E

6028 C3

Noise Level (dB-A) : 54

Paint : RAL 7031- Grey

Approximate weight (kg) : 48



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	178	-	46	-	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.