

## GM2E 200 L 2a

# IE2

# GAMAK

3-Phase 400 V ( $\Delta$ ) 50 Hz

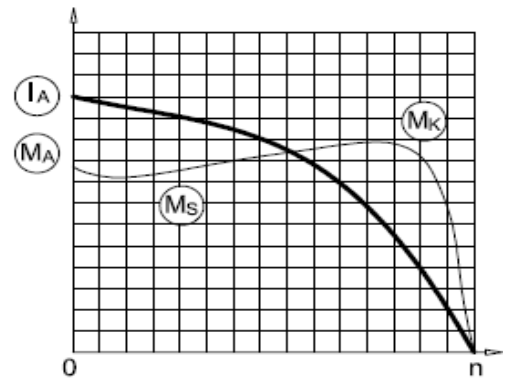
Duty Type : S1

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) : 30

Locked rotor Current – Ia (A) : 432

Ia / In : 8.3

Speed (rpm) : 2970

Locked rotor Torque – Ma (Nm) : 259

Ma / Mn : 2.7

Rated current (A) : 52

## Y / $\Delta$ Starting

Torque – Mn (Nm) : 96

Locked rotor Current – Ia (A) : 140

Ia / In : 2.7

Cos  $\phi$  : 0.91

Locked rotor Torque – Ma (Nm) : 86

	4/4	3/4	1/2
Efficiency %	92.0	92	91.2

Ma / Mn : 0.9

Moment of inertia J (kgm)<sup>2</sup> : 0.13

Breakdown Torque – Mk (Nm) : 288

Mk / Mn : 3.0

## MECHANICAL DESIGN

Frame : Cast Iron

End shields : Cast Iron

Cooling fan : Plastic

Terminal box : Aluminium

Cable gland : Pg 36

No of cable glands : 2

## Bearing Arrangement

Standard design

Drive End

6312 ZZ C3

Non Drive End

6212 ZZ C3

Reinforced design

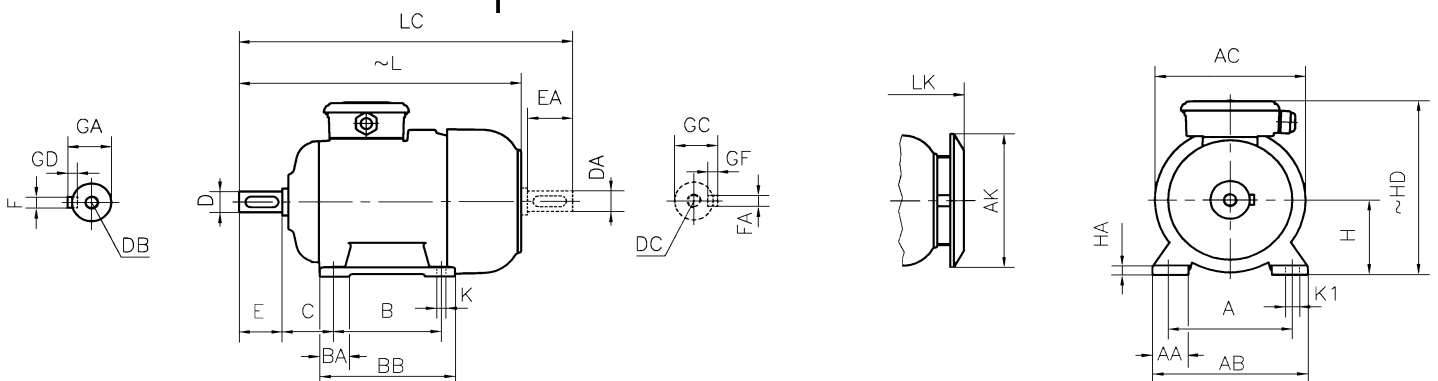
NU 312 E

6312 C3

Noise Level (dB-A) : 73

Paint : RAL 7031- Grey

Approximate weight (kg) : 210



## 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
200	477	26	318	80	398	390	370	19	-	305	-	68	-	355	747	865	803	133	110	M20	55	59	16X10

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