

## AGM 71 6b

3-Phase 230/400 V 50 Hz

Duty Type : S1

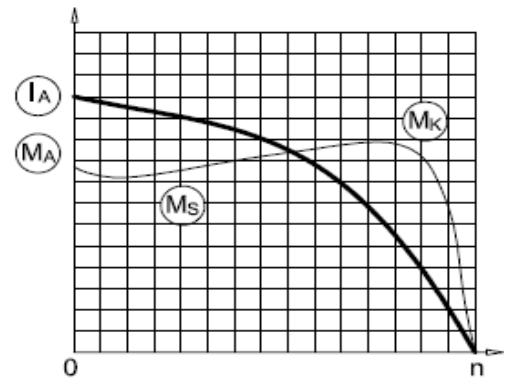
Degree of protection : IP 55 ( TEFC )

Insulation class : F ( 155 °C )

Temp rise : Class B ( 80K )

Mounting Design : B3

# GAMAK



## ELECTRICAL DESIGN

### Direct On Line

Rated output (kW) : 0.25

Speed (rpm) : 915

Rated current (A) : 0.83

Torque – Mn (Nm) : 2.61

Cos φ : 0.68

|              |      |      |      |
|--------------|------|------|------|
|              | 4/4  | 3/4  | 1/2  |
| Efficiency % | 63.8 | 63.7 | 59.6 |

Moment of inertia J (kgm)<sup>2</sup> : 0.00086

Locked rotor Current – Ia (A) : 3

Ia / In : 3.2

Locked rotor Torque – Ma (Nm) : 4

Ma / Mn : 1.7

### Y / Δ Starting

Locked rotor Current – Ia (A) : -

Ia / In : -

Locked rotor Torque – Ma (Nm) : -

Ma / Mn : -

Breakdown Torque – Mk (Nm) : 5

Mk / Mn : 2.1

## MECHANICAL DESIGN

Frame : Aluminium

End shields : Aluminium

Cooling fan : Plastic

Terminal box : Plastic

Cable gland : Pg 16

No of cable glands : 1

### Bearing Arrangement

Standard design

Reinforced design

Noise Level (dB-A) : 42

Paint : RAL 7031- Grey

Approximate weight (kg) : 5.7

### Drive End

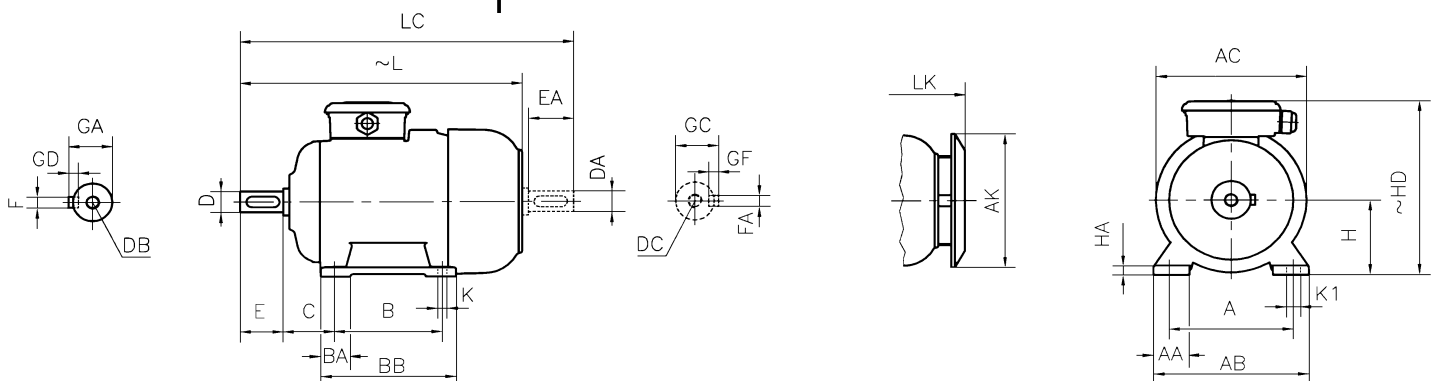
6202 ZZ

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### Non Drive End

6202 ZZ

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## DIMENSIONS

### Dimensions of foot mounted motors for mounting arrangement : B3, B6, B7, B8, B15, V5, V6

| H  | HD<br>~ | HA | A   | AA | AB  | ØAC | ØAK | K | K1 | B  | B' | BA | BA' | BB  | L<br>~ | LC  | LK<br>~ | C  | E<br>EA | DB<br>DC | ØD<br>ØDA | GA<br>GC | FxGD<br>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.