

MSD 100 L 4b

1-Phase 230 V 50 Hz

Duty Type : S1

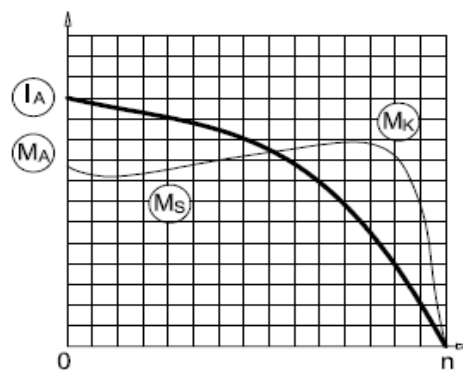
Degree of protection : IP 55 (TEFC)

Insulation class : F (155 °C)

Temp rise : Class B (80K)

Mounting Design : B3

GAMAK



ELECTRICAL DESIGN

Rated output (kW) : 3

Speed (rpm) : 1425

Rated current (A) : 19

Torque – M_n (Nm) : 20.11

Starting Capacitor 330V (μF) : 233-280/250V

Permanent Capacitor 400V (μF) : 60

Cos φ : 0.86

Efficiency % : 80.0

Moment of inertia J (kgm)² : 0.0051

Locked rotor Current – I_a (A) : 76

I_a / I_n : 4

Locked rotor Torque – M_a (Nm) : 34.2

M_a / M_n : 1.7

Breakdown Torque – M_k (Nm) : 34.2

M_k / M_n : 1.7

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

Paint

Approximate weight (kg)

Drive End

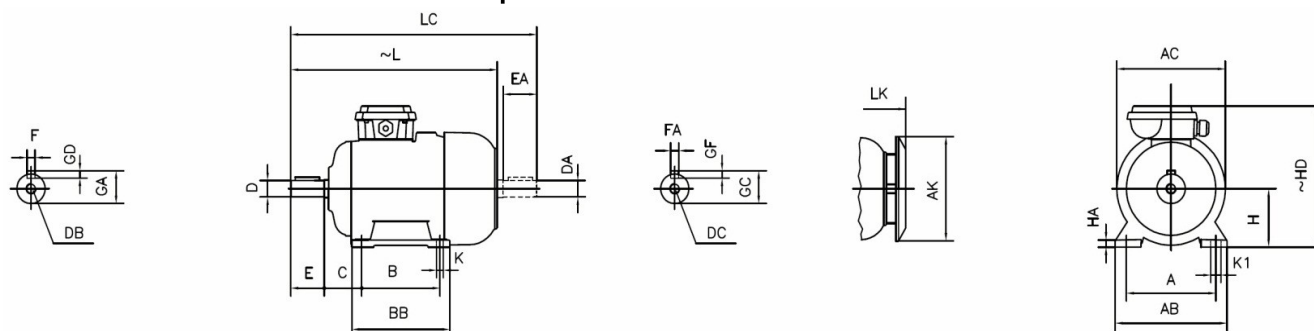
6206 ZZ

Non Drive End

6206 ZZ

: RAL 7031- Grey

: 23.7



DIMENSIONS

FOOT MOUNTED MOTORS - B3, B6, B7, B8 B15, V5, V6

H	HD ~	HA	A	AB	AC Ø	AK Ø	K	K1	B	BB	L ~	LC	LK ~	C	E EA	DB DC	DØ DAØ	GA GC	FXGD FAXGF
100	271	13	160	200	194	188	12	18	140	175	375	441	410	63	60	M10	28	31	8X7