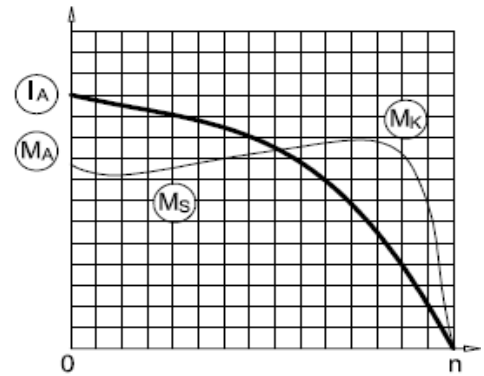


MD 100 L 4b

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



ELECTRICAL DESIGN

Rated output (kW) : 3
 Speed (rpm) : 1425
 Rated current (A) : 19
 Torque – Mn (Nm) : 20.11
 Permanent Capacitor 400V (µF) : 60
 Cos φ : 0.86
 Efficiency % : 80.0
 Moment of inertia J (kgm)² : 0.0051

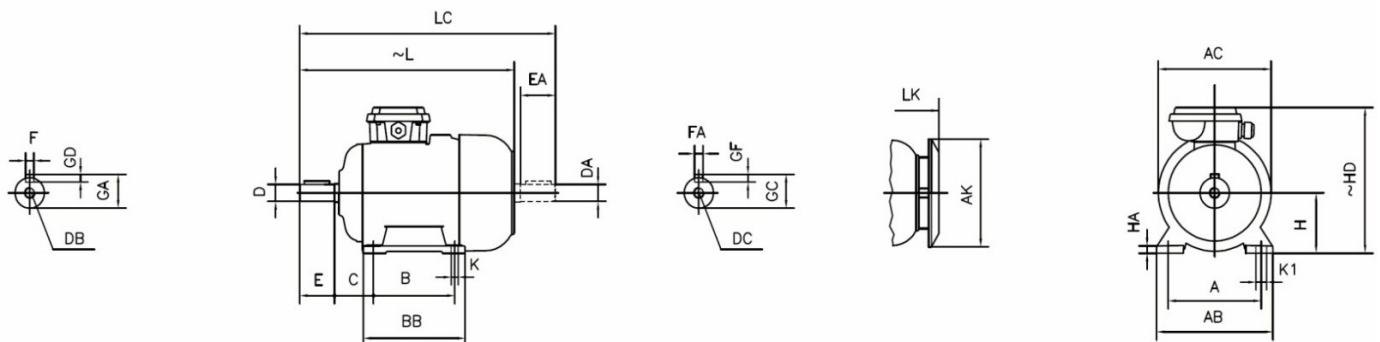
Locked rotor Current – Ia (A) : 68.4
 Ia / In : 3.6
 Locked rotor Torque – Ma (Nm) : 6.03
 Ma / Mn : 0.30
 Breakdown Torque – Mk (Nm) : 34.2
 Mk / Mn : 1.7

MECHANICAL DESIGN

Frame : Aluminium
 End shields : Aluminium
 Cooling fan : Plastic
 Terminal box : Plastic
 Cable gland : Pg 16
 No of cable glands : 1

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6206 ZZ	6206 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 23.2	



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	259	13	160	200	194	188	12	18	140	175	375	441	410	63	60	M10	28	31	8X7