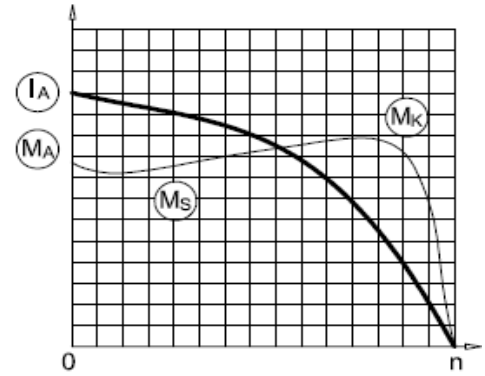


MD 63 4b

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) : 0.18
 Speed (rpm) : 1390
 Rated current (A) : 1.5
 Torque – Mn (Nm) : 1.24
 Permanent Capacitor 400V (µF) : 10
 Cos φ : 0.93
 Efficiency % : 56.0
 Moment of inertia J (kgm)² : 0.00023

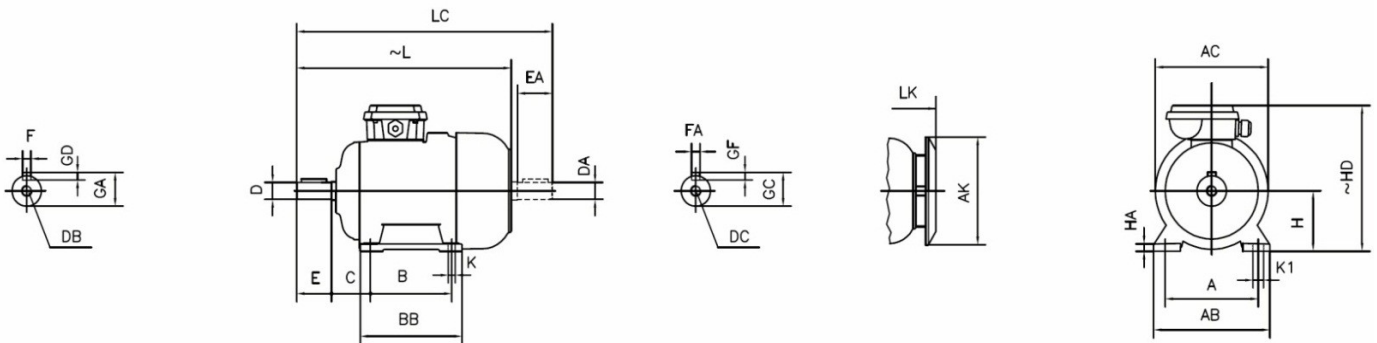
Locked rotor Current – Ia (A) : 3.45
 Ia / In : 2.3
 Locked rotor Torque – Ma (Nm) : 1.0
 Ma / Mn : 0.84
 Breakdown Torque – Mk (Nm) : 2.2
 Mk / Mn : 1.8

MECHANICAL DESIGN

Frame : Aluminium
 End shields : Aluminium
 Cooling fan : Plastic
 Terminal box : Plastic
 Cable gland : Pg 11
 No of cable glands : 1

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6201 ZZ	6201 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 4.6	



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
63	189	10	100	125	121	116	7	11	80	103	215	242	245	40	23	M4	11	12.5	4X4