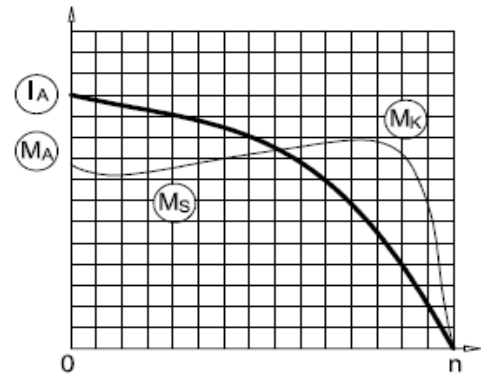


MD 80 4b

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) : 0.75
 Speed (rpm) : 1405
 Rated current (A) : 4.6
 Torque – Mn (Nm) : 5.1
 Permanent Capacitor 400V (µF) : 30
 Cos φ : 0.98
 Efficiency % : 72.0
 Moment of inertia J (kgm)² : 0.00123

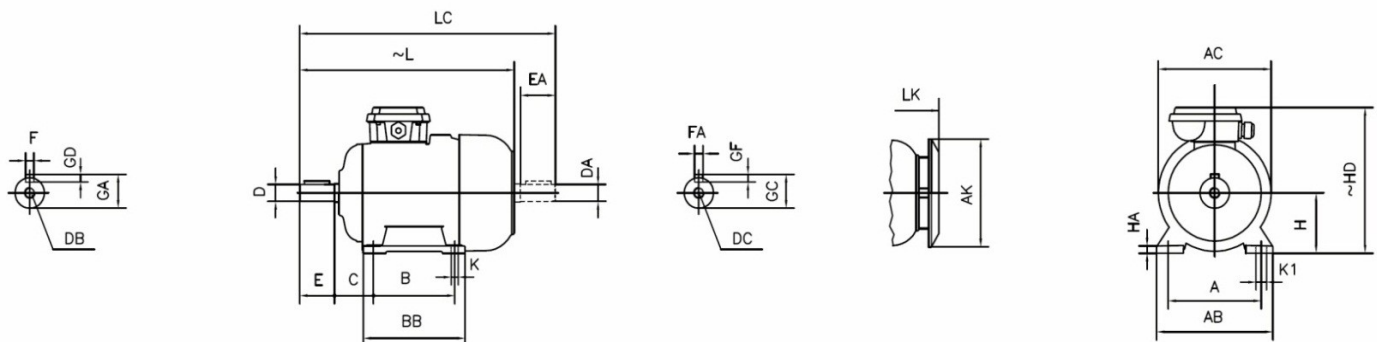
Locked rotor Current – Ia (A) : 16.1
 Ia / In : 3.5
 Locked rotor Torque – Ma (Nm) : 2.81
 Ma / Mn : 0.55
 Breakdown Torque – Mk (Nm) : 9.2
 Mk / Mn : 1.8

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	6204 ZZ	6204 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 10.3	



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
80	212	10	125	160	156	150	10	15	100	125	278	323	308	50	40	M6	19	21.5	6X6