

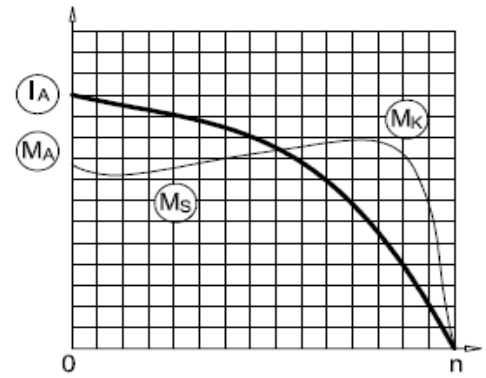
MD 80 2b

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) : 1.1
Speed (rpm) : 2770
Rated current (A) : 7
Torque – Mn (Nm) : 3.79
Permanent Capacitor 400V (µF) : 35
Cos φ : 0.95
Efficiency % : 72.0
Moment of inertia J (kgm)² : 0,00070



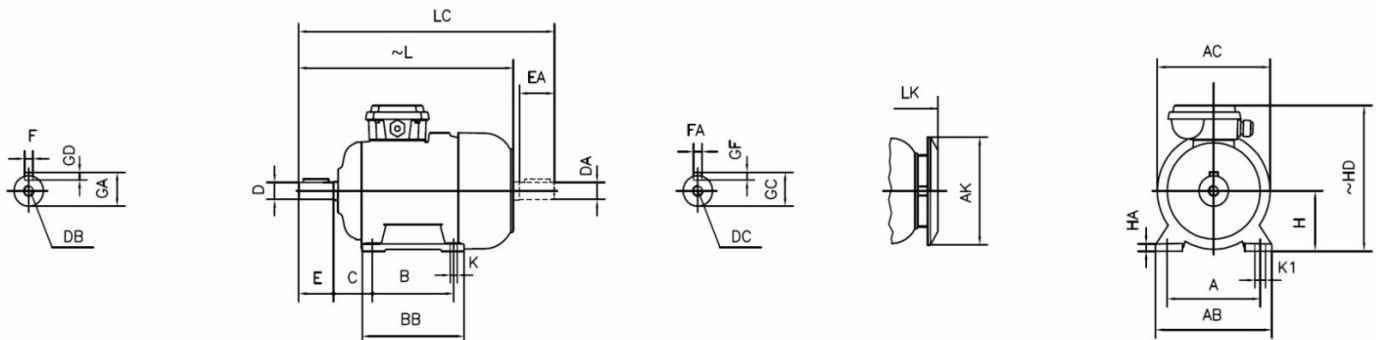
Locked rotor Current – Ia (A) : 26.6
Ia / In : 3.8
Locked rotor Torque – Ma (Nm) : 3.5
Ma / Mn : 0.93
Breakdown Torque – Mk (Nm) : 7.6
Mk / Mn : 2.0

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)	: 10.4	



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