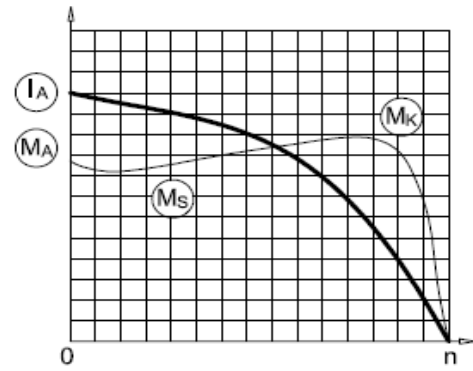


MSD 80 4a

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) : 0.55
 Speed (rpm) : 1410
 Rated current (A) : 3.3
 Torque – Mn (Nm) : 3.73
 Starting Capacitor 330V (μF) : 88-106
 Permanent Capacitor 400V (μF) : 20
 Cos φ : 0.97
 Efficiency % : 75.0
 Moment of inertia J (kgm)² : 0.00092

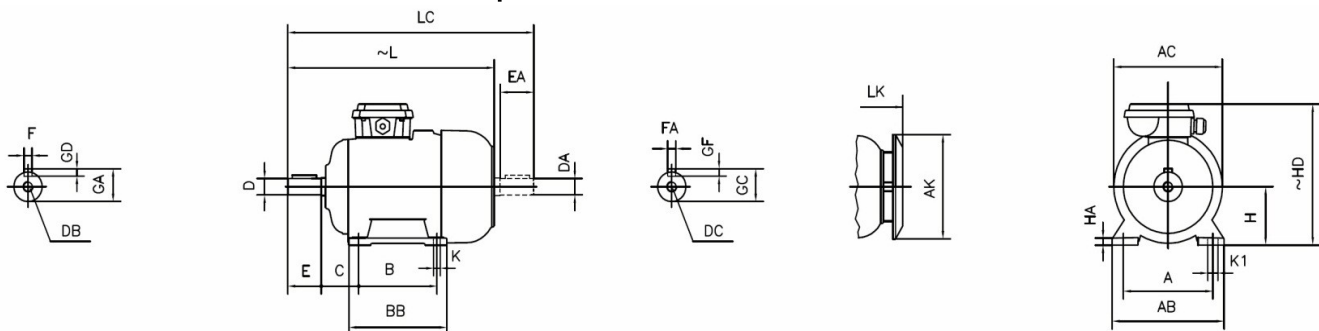
Locked rotor Current – I_a (A) : 14.85
 I_a / I_n : 4.5
 Locked rotor Torque – M_a (Nm) : 8.2
 M_a / M_n : 2.2
 Breakdown Torque – M_k (Nm) : 6.3
 M_k / M_n : 1.7

MECHANICAL DESIGN

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

Bearing Arrangement

	Drive End	Non Drive End
Standard design	6204 ZZ	6204 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 9.7	



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	DB	DØ	GA	FXGD
	~										~		~		EA	DC	DAØ	GC	FAXGF
80	224	10	125	160	156	150	10	15	100	125	278	323	308	50	40	M6	19	21.5	6X6