

MSD 90 L 4

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) : 1.5
Speed (rpm) : 1410
Rated current (A) : 9.3
Torque – Mn (Nm) : 10.16
Starting Capacitor 330V (μF) : 161-193
Permanent Capacitor 400V (μF) : 50
Cos φ : 0.96
Efficiency % : 73.0
Moment of inertia J (kgm)² : 0.00265

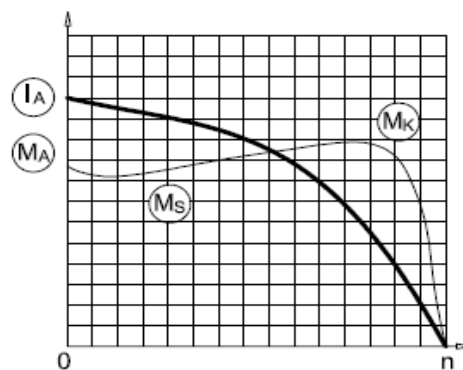
MECHANICAL DESIGN

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	6205 ZZ	6205 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 16.3	

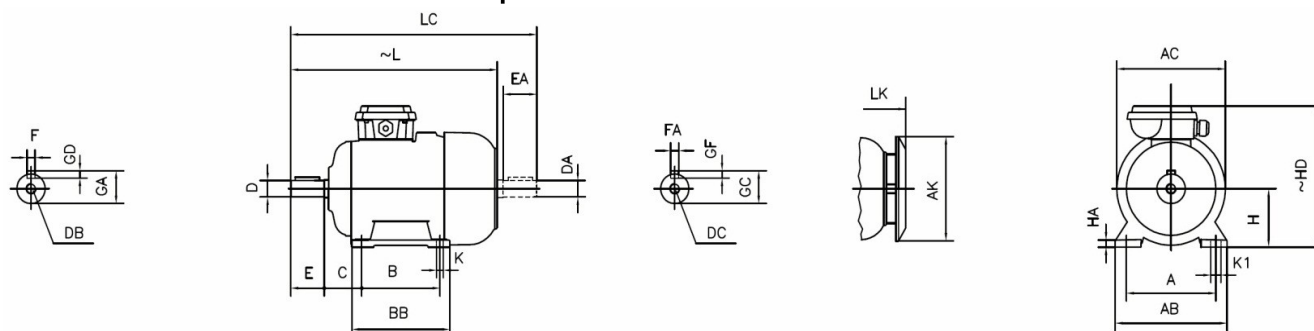
GAMAK



Locked rotor Current – I_a (A) : 43.71
I_a / I_n : 4.7

Locked rotor Torque – M_a (Nm) : 27.4
M_a / M_n : 2.7

Breakdown Torque – M_k (Nm) : 18.3
M_k / M_n : 1.8



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
90	242	12	140	180	176	150	10	15	125	155	333	388	363	56	50	M8	24	27	8X7