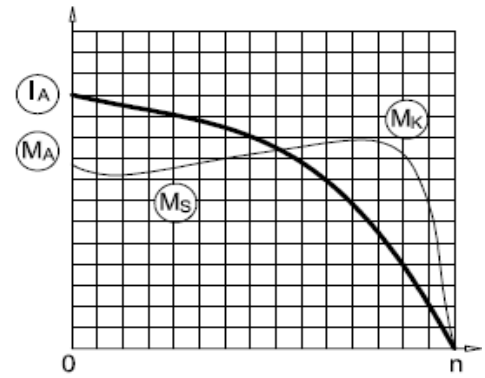


## MD 63 2b

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) : 0.25  
 Speed (rpm) : 2870  
 Rated current (A) : 1.6  
 Torque – Mn (Nm) : 0.83  
 Permanent Capacitor 400V (µF) : 10  
 Cos φ : 0.98  
 Efficiency % : 69.0  
 Moment of inertia J (kgm)<sup>2</sup> : 0.00014

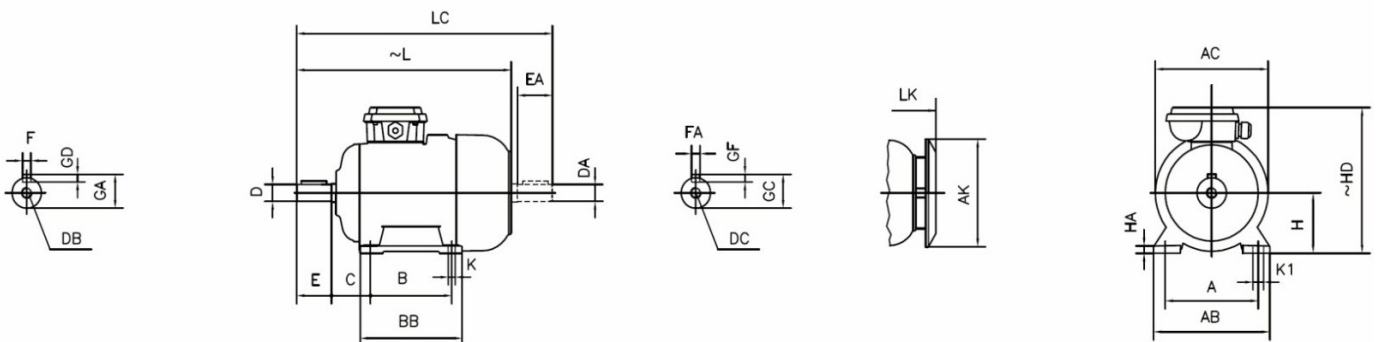
Locked rotor Current – Ia (A) : 6.4  
 Ia / In : 4  
 Locked rotor Torque – Ma (Nm) : 0.6  
 Ma / Mn : 0.75  
 Breakdown Torque – Mk (Nm) : 1.8  
 Mk / Mn : 2.2

### 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