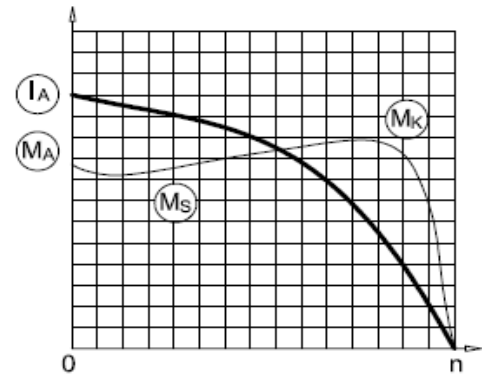


## MD 71 2b

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) : 0.55  
 Speed (rpm) : 2865  
 Rated current (A) : 3.5  
 Torque – Mn (Nm) : 1.83  
 Permanent Capacitor 400V (µF) : 20  
 Cos φ : 0.98  
 Efficiency % : 70.0  
 Moment of inertia J (kgm)<sup>2</sup> : 0.00035

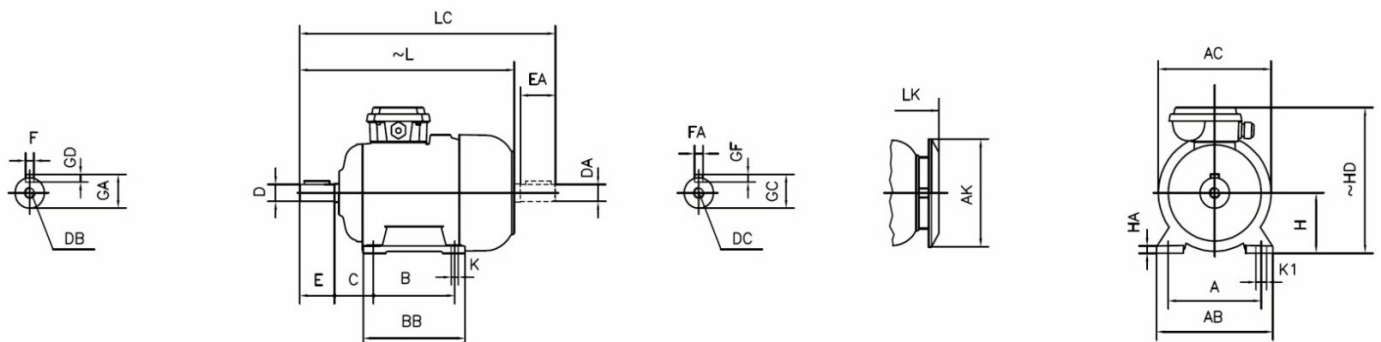
Locked rotor Current – Ia (A) : 13.65  
 $I_a / I_n$  : 3.9  
 Locked rotor Torque – Ma (Nm) : 1.3  
 $M_a / M_n$  : 0.72  
 Breakdown Torque – Mk (Nm) : 4.2  
 $M_k / M_n$  : 2.3

## 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	6202 ZZ	6202 ZZ
Paint	: RAL 7031- Grey	
Approximate weight (kg)	: 6.8	



## 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
71	196	10	112	140	138	116	7	11	90	108	247	282	277	45	30	M5	14	16	5X5