

- 1 - KING operator
- 2 - Tuned aerial
- 3 - Flashing lamp
- 4 - Key selector
- 5 - Photoelectric cells (external)

## TECHNICAL FEATURES

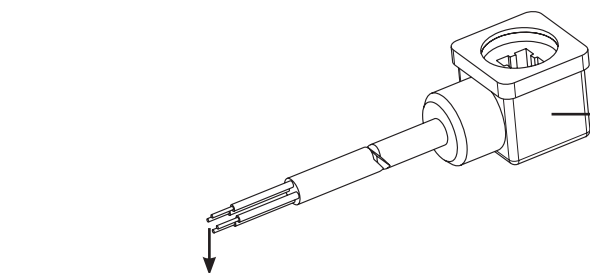
KING is a series of linear irreversible operators, suitable for opening gates with a leaf length of up to 5 metres (Fig.1).

The KING operators use mechanical stoppers, thus avoiding the need for electrical limit switches.

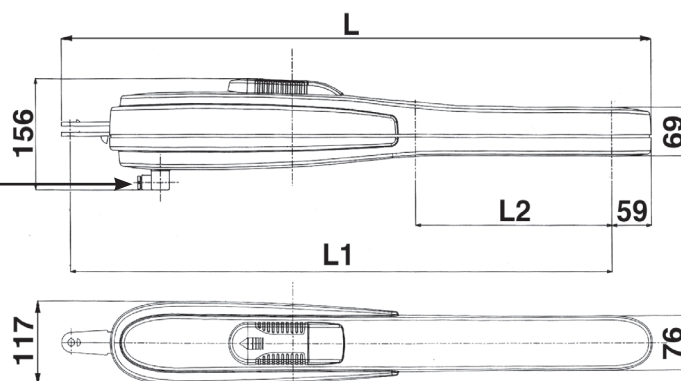
On reaching the travel limit, the motor continues to operate for a few seconds, until the timer of the control unit cuts in.

TECHNICAL DATA		KING	KING L
Max. leaf length	m	4	5
Max. leaf weight	kg	400	500
Max. travel	mm	345*	475*
Average opening time	s.	14÷27	29÷38
Operating speed	m/s.	0,0125	
Thrust force	N	1800	
EEC Power supply		<b>230V~ 50Hz</b>	
Motor capacity	W	290	
Power absorbed	A	1,2	
Capacitor	µF	10	
EEC Power supply		<b>220V~ 60Hz</b>	
Motor capacity	W	225	
Power absorbed	A	1,04	
Capacitor	µF	8	
EEC Power supply		<b>120V~ 60Hz</b>	
Motor capacity	W	255	
Power absorbed	A	2,3	
Capacitor	µF	35	
Normative cycles 230V	n°	17 - 14s/2s	10 - 33s/2s
Normative cycles 220V	n°	31 - 14s/2s	20 - 33s/2s
Normative cycles 120V	n°	29 - 14s/2s	11 - 35s/2s
Daily operations suggested	n°	150	
Service		60%	
Guaranteed consecutive cycles	n°	20/14s	15/33s
Grease		Bechem - RHUS 550	
Weight of electroreducer	kg	10	14
Noise	db	<70	
Volume	m³	0,0184	0,0211
Operating Temperature	°C	-10 ÷ +55	
Protection	IP	44	

\* With incorporated mechanical stop that cuts in during opening. - If the mechanical stop is used during closing (optional), the maximum travel is reduced by 50 mm.



1	V	OPEN
2	W	CLOSE
3	U	COMMON
Yellow/Green	⏏	



KING	L=888	L1=815	L2=340
KING L	L=1020	L1=945	L2=470

Measurements in mm