

CBLG 24 60/1K

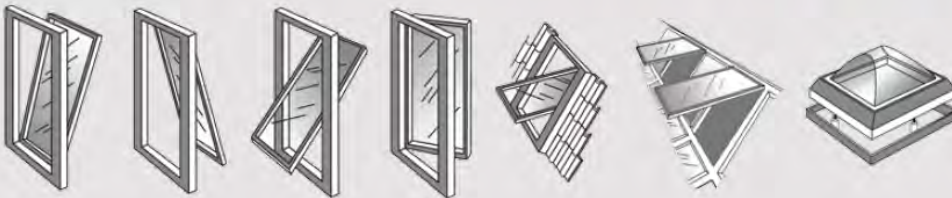
CBLP 24 60/1K

LINEAR DRIVE ACTUATOR 24V dc 600N/1000N



Stroke 100/ 150/ 200/ 300/ 400/ 500 mm (CBLP)
600/ 700/ 800/ 1000 mm (CBLG)

Applications



Features:

High quality 24V dc linear actuator mainly used for sloping smoke vent applications due to its range of forces and opening strokes available.

CBLP can be used for smaller vents opening, usually less than 500mm. For bigger vent, use together with stand off bracket mounting as illustrated in installations in next page.

CBLG is suitable for large opening vents due to its long stroke.

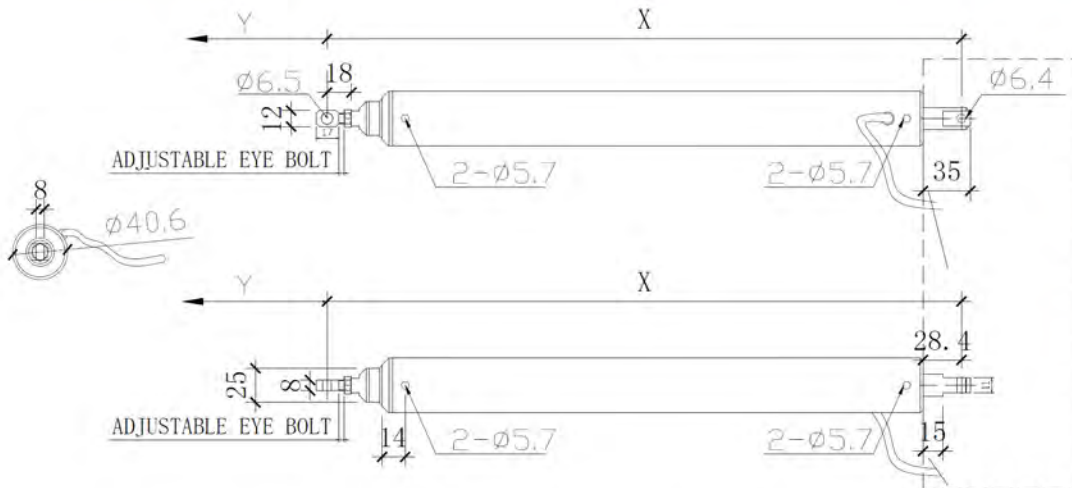
Wide range of brackets provide installation flexibility.



CBLP 24 60/1K CBLG 24 60/1K



Technical Drawing



DC 24V
600N/1000N

The drawing is for CBLP, for CBLG please discard the rear fixing. If you have any doubt, contact us for details.

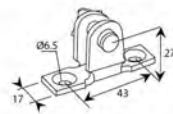
* For Further dimensions see table below

Technical Data

Connections

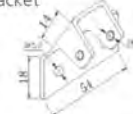
ACTUATOR	CBLG 24 60/1K CBLP 24 60/1K
TYPE	LINEAR
ACTUATOR TYPE	MOTORIZED
VOLTAGE (all +/-6%)	24V dc
AMP DRAW CURRENT (no load)	0.25 A
AMP DRAW CURRENT (with load)	1A @ 600N 1.5A @ 1000N
CONSUMPTION (without load)	6 W
CONSUMPTION (with load)	24W @ 600N 36W @ 1000N
STROKE	100/150/200/300/400/500mm (CBLP) 600/700/800/1000mm (CBLG)
OPERATING TIME	4.5 - 5.0 mm/s
AMBIENT OPERATING TEMP.	-15°C - +75°C
THRUST FORCE	600N/1000N
CLOSE FORCE	600N/1000N
SWITCHING	Electronic Limit
STANDARD FINISH	Silver Anodised
FLEX LENGTH	1000mm
FLEX TYPE	2 core / 0.6mm PVC grey
PROTECTION DEGREE	IP54
PRODUCT LIFE	10,000 STROKES (each direction)
WEIGHT	Contact us
STANDARD TOP BRACKET	YES
U PROFILE BRACKET	CBLG : YES
STAND OFF BRACKET	CBLP (Contact us)
OTHER BRACKETS	Contact us
SYNCHRONIZER	Optional
USAGE	SMOKE & NATURAL

Trunion Top Bracket



CBLPB000T02

Standard Trunion Top Bracket



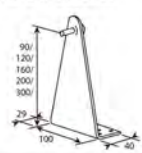
CBLAB000T01

U Profile Bracket



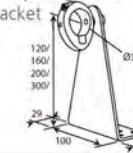
CBLGB000U01

Stand Off Bracket



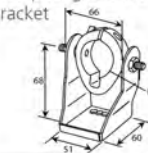
CBLPB000L**

Clamp Ring & Stand Off Bracket



CBLGB000L**

Clamp Ring & U Profile Bracket



CBLGB000U02

These actuators require control from a compatible low voltage unit such as OS2 or NVPV.

Recommended Control:

Contact our sales representative for recommendations.

Product	Operating voltage	Force	Product code	Stroke Y	Body X
Linear Actuator	DC 24V	600N (1000N)	CBLP2460 (1K)010	100mm	468.4mm
	DC 24V	600N (1000N)	CBLP2460 (1K)015	150mm	518.4mm
	DC 24V	600N (1000N)	CBLP2460 (1K)020	200mm	568.4mm
	DC 24V	600N (1000N)	CBLP2460 (1K)030	300mm	668.4mm
	DC 24V	600N (1000N)	CBLP2460 (1K)040	400mm	768.4mm
	DC 24V	600N (1000N)	CBLP2460 (1K)050	500mm	868.4mm

Product	Operating voltage	Force	Product code	Stroke Y	Body X
Linear Actuator	DC 24V	600N (1000N)	CBLG2460 (1K)060	600mm	940mm
	DC 24V	600N (1000N)	CBLG2460 (1K)070	700mm	1040mm
	DC 24V	600N (1000N)	CBLG2460 (1K)080	800mm	1140mm
	DC 24V	600N (1000N)	CBLG2460 (1K)01K	1000mm	1340mm

If stand off brackets are used in installaton, please select CBLPB000T02 trunion bracket.



Robertson
Ventilation Industries