

TGLA 24 100

Linear Drive Actuator / 24 V dc / 1,000 N



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High quality, extremely strong linear drive mainly used for sloping smoke ventilators and rooflight applications.

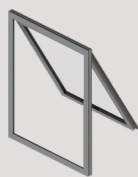
Large vents can be opened large distances due to the force and opening strokes available.

Standard finish is anodised aluminium.

Orientation



Bottom Hung



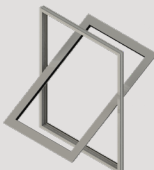
Top Hung



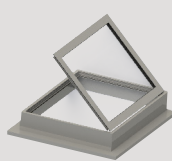
Side Hung



Sloping Roof Vent



Centre Pivot



Roof Vent

Certified and tested to EN12101-2.



Applications



Environmental Ventilation

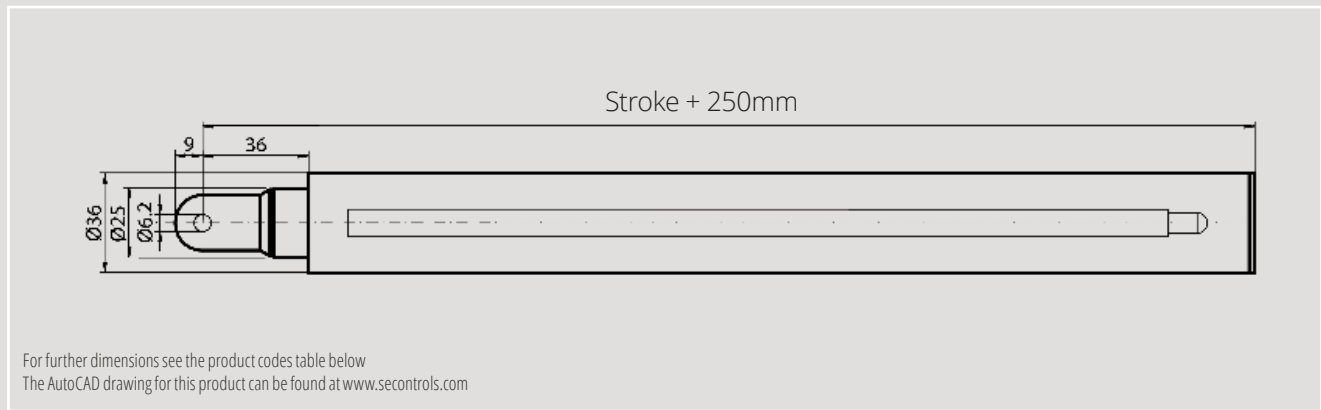


Smoke Ventilation



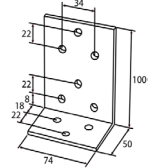
Please ensure the controllers have a minimum 1 second delay between switching if you are not using SE Controls products.

Technical Drawing



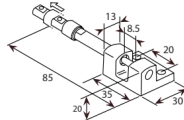
Brackets

Stand Off L Plate



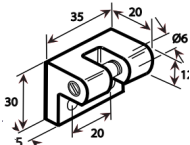
ABG65500110

Trunnion Top Bracket with unlockable pin



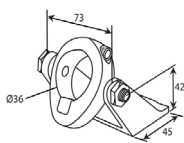
ABG20301018

Trunnion Top Bracket with lockable pin



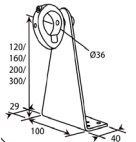
ABG20301001

Clamp Ring C/W Bracket



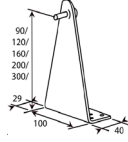
ABG65500150

Stand Off Bracket with Clamp Ring TGLA



ABG65500160* - 120mm
ABG65500161* - 160mm
ABG65500162* - 200mm
ABG65500163* - 300mm

Stand Off Bracket Set TGLA



ABG65500130* - 120mm
ABG65500134* - 160mm
ABG65500135* - 200mm

Technical Data

Actuator	TGLA 24 100
Actuator Type	24V dc Motorised Linear Spindle
Voltage (all ± 6%)	24V dc
Amp Draw Current (with load)	1.1 A
Consumption (without load)	31 W
Consumption (with load)	34 W
Stroke	200/300/400/500/600/750/1,000 mm
Operating Speed	3.8 mm/s
Ambient Operating Temp	-5°C to +75°C
IP Rating	IP 54
Thrust Force	1,000 N
Close Force	1,000 N
Switching	Electronic Limit
Type of Switch	Absorption
Standard Finish	Silver Anodised
Colour Option	Other RAL colours available on request
Flex Length	1 m
Flex Type	2 Core
Flex Colour	White
Product Warranty	12 months from date of invoice ¹
Clamp Ring	Yes
U Bracket	Yes
Application	Environmental and Smoke Ventilation

¹ Commercial terms for each project will supersede this warranty information.

Product Codes

Stroke Y	Integral Limit	Signal Giver
300 mm	*AAG10003000	*AAG10003001
500 mm	*AAG10005000	*AAG10005001
750 mm	*AAG10007511	*AAG01000751
1000 mm	*AAG10010007	*AAG10010001

These actuators require control from a compatible low voltage unit such as OS2. Contact SE Controls for recommendations.
Contact for details of availability for product codes starting with *