

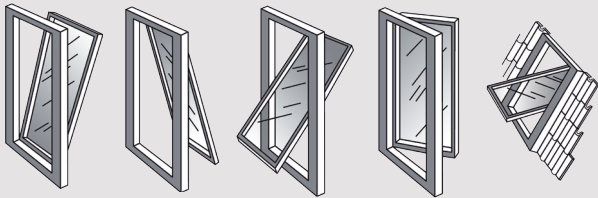
# TGCO 30

CHAIN DRIVE ACTUATOR 230V ac 300N\*



**Stroke 189 / 258 / 327 / 419 / 511 / 603 / 810\* mm**

## Applications



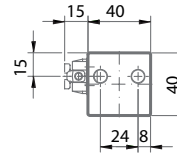
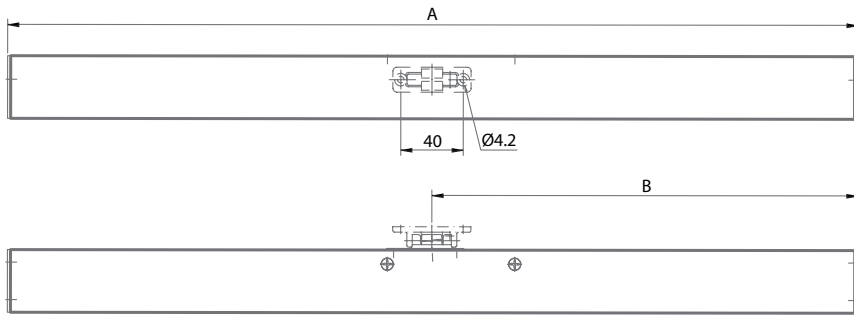
### Features:

High quality chain actuator mainly used for natural ventilation window applications due to its long stroke options and voltage.

Slim profile with handed cable ability together with a wide range of brackets and finishes provide a perfect solution for most window applications.



Version 2.0



Stroke	A	B
189mm	636mm	318.5mm
258mm	636mm	318.5mm
327mm	636mm	318.5mm
419mm	636mm	318.5mm
511mm	820mm	410.5mm
603mm	820mm	410.5mm
810mm	1012mm	505.5mm



230V ac  
300N\*

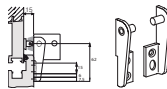
The AutoCAD drawing for this product can be found at [www.secontrols.com](http://www.secontrols.com)

## Technical Data

ACTUATOR	TGCO 30
TYPE	MOTORISED
ACTUATOR TYPE	CHAIN OPENING
VOLTAGE (all +/-6%)	230V ac
AMP DRAW CURRENT (no load)	0.225A
AMP DRAW CURRENT (with load)	0.225A
CONSUMPTION (without load)	51W
CONSUMPTION (with load)	51W
STROKE	189/258/327/419/511/603/810mm
OPERATING TIME	Strokes 189-603mm = 9mm/s Stroke 810mm = 14mm/s
AMBIENT OPERATING TEMP.	0°C +70°C
THRUST FORCE	Strokes 189-603mm = 300N Stroke 810mm = 100N
CLOSE FORCE	Strokes 189-603mm = 300N Stroke 810mm = 100N
SOFT CLOSE	NO
SWITCHING	Physical limit
TYPE OF SWITCH	Electronic
STANDARD FINISH	Silver/grey
COLOUR OPTION	Powder coated White or Grey
POWER OUT FIXING	NO
WINDOW MIN HEIGHT	See table
FLEX LENGTH	3000mm
FLEX TYPE	3 core / 0.50mm PVC black
INSULATION CLASS	H
PROTECTION DEGREE	IP20
PRODUCT LIFE	10,000 STROKES (each direction)
WEIGHT	Contact for details
FACE FIX	Standard
THROUGH BODY FIX	NO
PIVOT BRACKET	YES (specify)
U BRACKET	N/A
OPEN IN	YES
USAGE	NATURAL

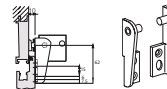
## Connections

TGCO (24) 30 Pivot Bracket (KF15)



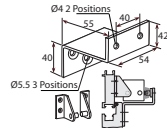
ABG20300949 [S/W]

TGCO (24) 30 Pivot Bracket (KF10)



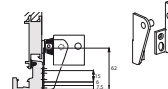
ABG02600179 (S)

TGCO Open In Brackets 15mm Projection



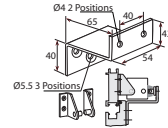
ABG02502516

TGCO (24) 30 Pivot Bracket (KF0)



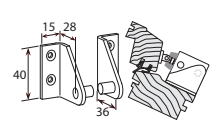
ABG20300897 [S/W]

TGCO Open In Brackets 10mm Projection



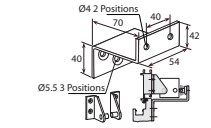
ABG02600203

TGCO (24) 30 Pivot Bracket (DF)



ABG20300898 [S/W]

TGCO Open In Brackets Flush Mounting



ABG02502482

Designed for windows/vents down to a minimum height of 225mm

These actuators require operation from a 230V ac control unit.

**Recommended Control:**

Contact an SE Controls sales representative for recommendations.

Product	Operating voltage	Force	Stroke	WHITE	SILVER
Chain Actuator	230V ac	300N	189mm	*DAG0300189W	*DAG0300189S
	230V ac	300N	258mm	*DAG0300258W	*DAG0300258S
	230V ac	300N	327mm	*DAG0300327W	*DAG0300327S
	230V ac	300N	419mm	*DAG0300419W	*DAG0300419S
	230V ac	300N	511mm	*DAG0300511W	*DAG0300511S
	230V ac	300N	603mm	DAG0300603W	DAG0300603S
	230V ac	100N	810mm	DAG0300810W	DAG0300810S

Contact for details of availability for product codes starting with \*.

**Stroke & Minimum window/vent height:**

189mm / 225mm  
258mm / 355mm  
327mm / 445mm  
419mm / 590mm  
511mm / 725mm  
603mm / 855mm  
810mm / 1100mm



Voltage to 230V chain actuators must be switched off after each operation with a rest period required between cycles.