

WMS 409-n

SPINDLE ACTUATOR

OPENING STROKE SIZES

300, 500, 750 or 1000 mm

PUSH FORCE

900 N

VOLTAGE

24V DC (+/- 10%)



DESCRIPTION

Strong actuator suitable for roof openings for smoke and comfort ventilation

To be used together with $\pm 24V$ control units or control units with MotorLink®

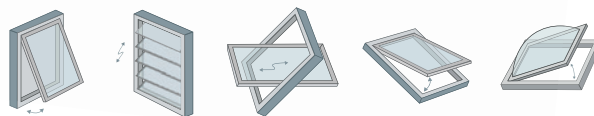
Synchronization of up to 4 window actuators – no need for an external synchronization module

Genuine position feedback and 3 speeds when using control unit with MotorLink®

The electronics in this actuator can be programmed to suit specific requirements – i.e. pressure- and traction force, stroke, speed/sound level – with the WAT 100 programming box, this is also possible following installation

The actuator has an integrated reverse function to ensure a prolonged life span of the window gaskets

WINDOW TYPES



APPLICATION



COMFORT
VENTILATION

COLOURS

- Silver Anodised
- ⊗ Custom RAL colour

TECHNICAL DATA

Voltage	24V DC (+/- 10%)
Push Force	900 N
Pull Force	900 N
Opening Stroke	300, 500, 750 or 1000 mm
Opening Speed	12.5 mm/s
Current Consumption	1.8 A
Operating Conditions	-5°C - +74°C
Switch-on Duration	ED 30% (max. 3min. per 10min.)
Colour	Silver Anodised or custom RAL colour
IP Rating	IP 54
Life Span	11,000 opening and closing movements
Delivery Includes	1 x Actuator (fixing brackets sold separately)
Flex Length	5 m
Cable Dimensions	3-Core
Min. window width	> 95 mm
Max. window width	< 1300 mm (use multiple actuators if wider)
Synchronisation	Yes

ACCESSORIES

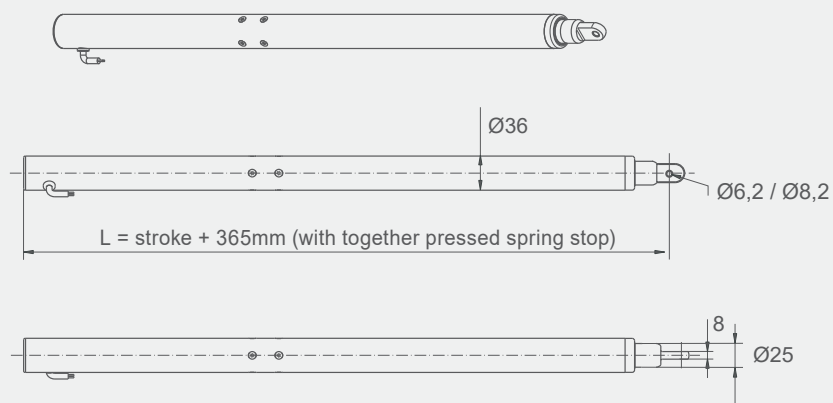
- WSB 300 0001 - Actuator bracket with clamping ring (40mm)
- WSB 300 0002 - Actuator bracket with clamping ring (73/86mm)
- WSB 300 0003 - Actuator bracket with clamping ring (65mm)
- WSB 300 0010 - Wing bracket with bolt retaining cotter pin
- WSB 300 0011 - Wing bracket with fixing bolt
- WSB 300 0012 - Wing bracket with pin and retaining bracket

PART CODES

- WMS409300-1EN - WMS 309-1 Actuator 24 V 300mm
- WMS409500-1EN - WMS 309-1 Actuator 24 V 500mm
- WMS409750-1EN - WMS 309-1 Actuator 24 V 750mm
- WMS4091000-1 - WMS 309-1 Actuator 24 V 1000mm *
- WMS409300-2EN - WMS 309-2 Actuator 24 V 300mm (sync.)
- WMS409500-2EN - WMS 309-2 Actuator 24 V 500mm (sync.)
- WMS409750-2EN - WMS 309-2 Actuator 24 V 750mm (sync.)
- WMS4091000-2 - WMS 309-2 Actuator 24 V 1000mm (sync.) *

***Not suitable for smoke ventilation**

DIMENSIONS



CONTROLS



WSC 204
AOV Control Unit



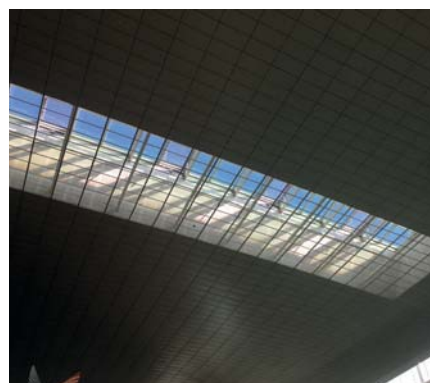
WSK 320
Override Switch



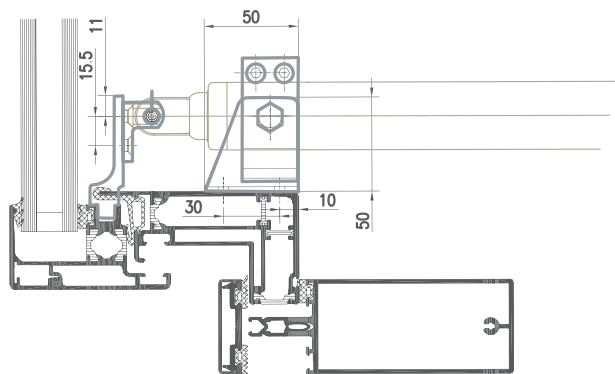
WUC 102
Control Unit



WSK 100
Ventilation Keypad



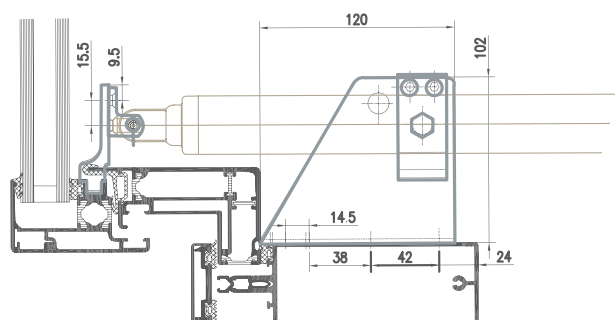
INSTALLATION EXAMPLES



WSB 300 0012



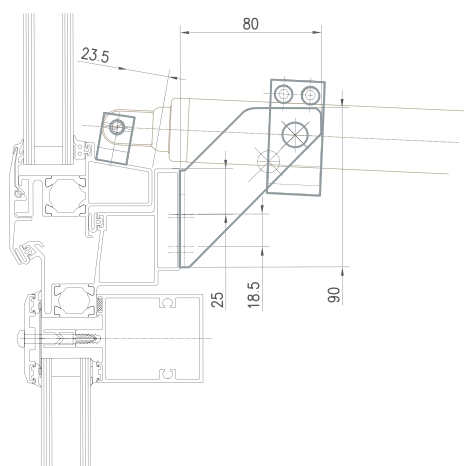
WSB 300 0001



WSB 300 0012



WSB 300 0002



WSB 300 0011



WSB 300 0003

