EN12101-2 Glazed Casement.

Group SCS's EN 12101-2 Glazed Casement Automatic Opening Vent is a fully integrated and high-performance Aluminium Window system tested to EN12101-2. The range is perfectly suited to low- and high-rise buildings, schools and facades for new and refurbishment projects, offering flexibility of design along with excellent thermal insulation performance.

KEY INFO / SPECIFICATIONS

Actuator/Voltage/Current	Chain Drive / 24v DC / 1.0A (per motor)
Aerodynamic Free Area	BH=0.66m / SH=0.97m
Air Permeability	Class 4 / EN1026:2001, EN12207:2001
Cv0	BH = 0.52 / SH =0.38
Geometric Free Area	BH = 1.12m / SH = 1.52m
Material	Aluminium
Maximum Weight	Up to 130kg
N Force	300N
Opening Angle	BH = 47° / SH =32°
Opening Strokes	Up to 800mm (less strokes available via configurable option)
RAL Colour	9005 Black / 7016 Grey / 9016 White / CONFIG
Thermal Insulation	From 1.0 W/(m^{2}K)
Water Tightness	Class E1200 / EN1027:2001, EN12208:2001
Wind Load Resistance	To class C5, EN 12211:2001; EN 12210:2001
Window Dimensions (add 100mm for Outer Frame size)	BH 1400mm (w) x 1000mm (h) / SH 1300mm (w) x 2100mm (h)

ACTUATOR

Mounted with a precision engineered surfaced mounted chain drive window actuator, allowing automation up to 800mm opening stroke distance.

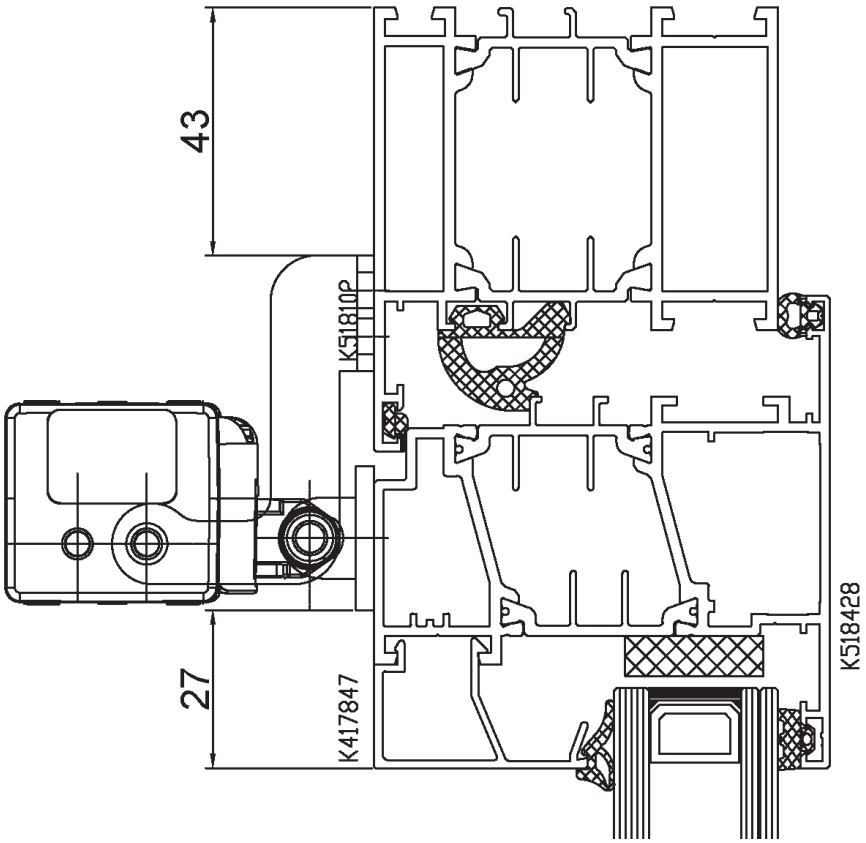
OPTIONS

The Automatic Opening Window can be purchased, manufactured, and delivered as a complete assembly with a number of glazing options to suit any size and scale project.

SPECIFICATION

- Bottom & side hung options
- Outward opening
- Suitable for use in facades, wood and wall mounting
- Punch hole or clip in profile fixing
- RAL Options 9005 Black, 7016 Grey & 9016 White
- Locking device needed for side hung vents over the standard size
- UKCA Mark & DoP Included
- Option of stacking the bottom hung via concealed coupler

TECHNICAL DRAWING



VARIATIONS

EN12101-2 GLAZED CASEMENT	
Variation	**Description**
EN12101-2 Casement BHOO	Bottom Hung Outward Opening EN12101-2 Aluminium Glazed Casement c/w 24v 800mm stroke Electric Chain Drive RAL Coloured 1100mm (h) x 1500mm (w)
EN12101-2 Casement SHOO	Side Hung Outward Opening EN12101-2 Aluminium Glazed Casement c/w 24v 800mm stroke Electric Chain Drive RAL Coloured 2200mm(h) x 1400mm (w)
EN12101-2 Casement CON	EN12101-2 Aluminium Glazed Casement c/w actuator RAL Coloured, price on request. Sizes as per below. Bottom Hung Outer Height Min 900mm – Max 1440mm Bottom Hung Outer Width Min 900mm – Max 2200mm Side Hung Outer Height Min 900mm – Max 2500mm Side Hung Outer Width Min 900mm – Max 1550mm

ATTENTION: Under the Construction Products Regulations (CPR) it is a legal requirement to use only certified products for smoke ventilation. It is the responsibility of the installer to ensure installations meet the relevant standards and products are fit for purpose.

Group SCS reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Group SCS to be a complete and up-to-date description. For further information visit www.groupscs.co.uk