

Williaam Cox Kingspan Ventrria



Product Overview

SHEV Application



Manufacturer	Kingspan (www.kingspan.com)
Type	Williaam Cox opening light, type Kingspan Ventrria
Description	Opening light, suitable for ventilation purposes and smoke & heat ventilation
Operation	1 or 2, double action pneumatic cylinders + CO2 fire function (P2B); stroke: *** mm / double action failsafe pneumatic cylinders+ CO2-fire function (P2BFS) stroke: *** mm / 24Vdc spindle motor (M24) stroke: *** mm
Frame	Separated (O) / insulated (G) / thermally separated (TG)
Glazing	To match glass roof construction / single laminated glass (type **) / insulated glass (type **) / double wall polycarbonate, colour: clear/opal
Flange sizes (w x l)	*** x *** mm (identical)
Opening Angle	*** °
Hinge Side	Bottom
Aerodynamic Flow	*** m ²
Installation angle	10-90°
Installation	Installation in glass roof construction
Protection	To match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** µ, in standard RAL colour (group ***) / anodised
Air-tightness	EN1026: 600 Pa, EN 12207: class 4
Water tightness	EN1027: 1050 Pa, EN 12208: class E1050

Smoke Ventilators

Williaam Cox Kingspan Ventria

Resistance to varying wind load	EN 12211: 1000 Pa (=P2) deviation < 1/300, strength 3000 Pa EN 12210: class 5
Test(s)	EN 12101-2 Soft Body Impact test 1200J
Extra	EN 12101-2 tested to 6.25m ² Trapezium / triangular design possible
Important	To satisfy guarantee conditions Ventria must be closed during rain and high winds (> 14 m/s), unless during fire, when the Ventria should remain open for the extraction of the resulting smoke and heat. Installation of a rain sensor and windspeed meter is therefore essential.



Product Overview

SHEV Application



Manufacturer	Kingspan (www.kingspan.com)
Type	Williaam Cox opening light, type Kingspan Ventria
Description	Opening light, suitable for ventilation purposes
Operation	1 or 2, double action pneumatic cylinders*; stroke: *** mm (P2) / 1 or 2, 24Vdc spindle motors + transformers / rectifiers (M230); stroke: *** mm (M24/M230) / 24Vdc/230V chain driven motor; stroke: *** mm (M24/M230)
Frame	Separated (O) / insulated (G) / thermally separated (TG)
Glazing	To match glass roof construction /single laminated glass(type **) / insulated glass (type **) / double wall polycarbonate, colour: clear/opal
Flange sizes (w x l)	*** x *** mm (identical)
Opening Angle	*** °
Hinge Side	** Top / bottom / side
Aerodynamic Flow	*** m ²
Installation angle	10-90°
Installation	Installation in glass roof construction

Smoke Ventilators

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Protection	To match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** mu, in standard RAL colour (group ***) / anodised
Air-tightness	EN1026: 600 Pa, EN 12207: class 4
Water tightness	EN1027: 1050 Pa, EN 12208: class E1050
Resistance to varying wind load	EN 12211: 1000 Pa (=P2) deviation < 1/300, strength 3000 Pa EN 12210: class 5
Test(s)	Soft Body Impact test 1200J
Extra	Trapezium / triangular design possible
Important	To satisfy guarantee conditions Ventria must be closed during rain and high winds (> 14 m/s). Installation of a rain sensor and wind speed meter is therefore essential