

Williaam Cox Brakel® Ventria



Product Overview

SHEV Application



Manufacturer	Brakel (www.brakel.com)
Type	Williaam Cox opening light, type Brakel® Ventria
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 Brakel® 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	Brakel (www.brakel.com)
Type	Williaam Cox opening light, type Brakel® 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

Williaam Cox Brakel® Ventria

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