



Specifications

SHEV application   

Brakel® Ventria

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Ventria
Description	: opening light, suitable for ventilation purposes and smoke & heat ventilation
Operation	: 1 or 2, double action pneumatic cylinders + CO ₂ fire function (P2B); stroke: *** mm / double action failsafe pneumatic cylinders+ CO ₂ -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
Resistance to varying 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



Specifications

Ventilation application  

Brakel® Ventria

Manufacturer	: Brakel (www.brakel.com)
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
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 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