



Specifications

SHEV application   

Brakel® Eura Excellent

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Eura Excellent
Description	: natural louvered ventilator, suitable for ventilation purposes and smoke & heat ventilation
Operation	: - single action pneumatic cylinder + CO ₂ fire function (PB) / - single action failsafe pneumatic cylinder (PBFS) / - single action pneumatic cylinder + CO ₂ fire function that activates the smoke & heat ventilation when 10 bar is exceeded (PB10bar) / - double action pneumatic cylinder + CO ₂ fire function (P2B) / - 24Vdc spindle motor (M24) for daily ventilation with single action pneumatic cylinder + CO ₂ fire function for smoke & heat ventilation (PBM) - 24Vdc spindle motor + transformer / rectifier (M230) + additional system
Base	: low base uninsulated (LB) / high base insulated (GHB)
Louvers	: - aluminium sandwich panel 25mm - aluminium sandwich panel 25mm with vacuum insulation - multiple wall polycarbonate Isolux 25mm, colour: clear or opal - insulated glass 4 low E – 15 – Argon gas - 3.3.2
Flanges	: uninsulated / insulated; type clamp mounted single glass (F1) / clamp mounted insulated glass (F2) / elevation 45 ° (F3) / plane (F4) / elevation 90° (F5) / profiled roof (F6) / skylight connection (F7) / connecting flange (F8)
Clear opening (w x l)	: *** x *** mm (identical)
Flange sizes (w x l)	: *** x *** mm (identical)
Aerodynamic flow	: *** m ²
U value	: Depending on type and size from 0.9 to 2.7 W/m ² K
Installation	: on preformed upstand / in glass roof construction / surface mounted profiled roof
Wind baffle	: included / excluded
Protection	: to match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** µ, in standard RAL colour (group ***) untreated (milled aluminium)
Test(s)	: - EN 12101-2 - Soft Body Impact test 1200J



Specifications

Ventilation application  

Brakel® Eura Excellent

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Eura Excellent
Description	: natural louvered ventilator, suitable for ventilation purposes
Operation	: single action pneumatic cylinder (P) / double action pneumatic cylinder (P2) 24Vdc spindle motor (M24) / 24Vdc spindle motor + transformer / rectifier (M230)
Base	: low base uninsulated (LB) / high base insulated (GHB)
Louvers	: - aluminium sandwich panel 25mm - aluminium sandwich panel 25mm with vacuum insulation - multiple wall polycarbonate Isolux 25mm, colour: clear or opal - insulated glass 4 low E – 15 – Argon gas - 3.3.2
Flanges	: uninsulated / insulated; type clamp mounted single glass (F1) / clamp mounted insulated glass (F2) / elevation 45 ° (F3) / plane (F4) / elevation 90° (F5) / profiled roof (F6) / skylight connection (F7) / connecting flange (F8)
Clear opening (w x l)	: *** x *** mm (identical)
Flange sizes (w x l)	: *** x *** mm (identical)
Aerodynamic flow	: *** m ²
U value	: Depending on type and size from 0.9 to 2.7 W/m ² K
Installation	: on preformed upstand / in glass roof construction / surface mounted
Wind baffle	: included / excluded
Protection	: to match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** mu, in standard RAL colour (group ***) untreated (milled aluminium)
Test(s)	: Soft Body Impact test 1200J



Specifications

Facade application - ventilation

Brakel® Eura-G Excellent

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Eura-G Excellent
Description	: natural louvered ventilator, suitable for ventilation purposes and air supply purposes
Operation	: single action pneumatic cylinder(P)/ 24Vdc spindle motor (M24) / 24Vdc spindle motor + transformer / rectifier (M230)
Base	: low base uninsulated (LB) / high base insulated (GHB)
Louvers	: - aluminium sandwich panel 25mm - aluminium sandwich panel 25mm with vacuum insulation - multiple wall polycarbonate Isolux 25mm, colour: clear or opal - insulated glass 4 low E – 15 – Argon gas - 3.3.2
Flanges	: uninsulated / insulated; type clamp mounted single glass (F1) / clamp mounted insulated glass (F2) / elevation 45 ° (F3) / plane (F4) / elevation 90° (F5) / profiled roof (F6) / skylight connection (F7) / connecting flange (F8)
Clear opening (w x l)	: *** x *** mm (identical)
Flange sizes (w x l)	: *** x *** mm (identical)
Aerodynamic flow	: *** m ²
U value	: Depending on type and size from 0.9 to 2.7 W/m ² K
Installation	: in glass wall construction / in timber frames / on steel sub-constructions
Wind baffle	: included / excluded
Protection	: to match glass wall construction / enamel finish with *** layer polyester powder coating, layer thickness *** µ, in standard RAL colour (group ***) untreated (milled aluminium)