

Basic Information

Rooflight Dome



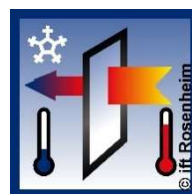
Rooflight dome closed



Rooflight dome opened in ventilation position

Versatile accessory

- Variants of shading
- Connection- and renovation options
- Different drive units



Glazing
 U_t to 1,0 W/m²K



Waterproof
according to EN 1873

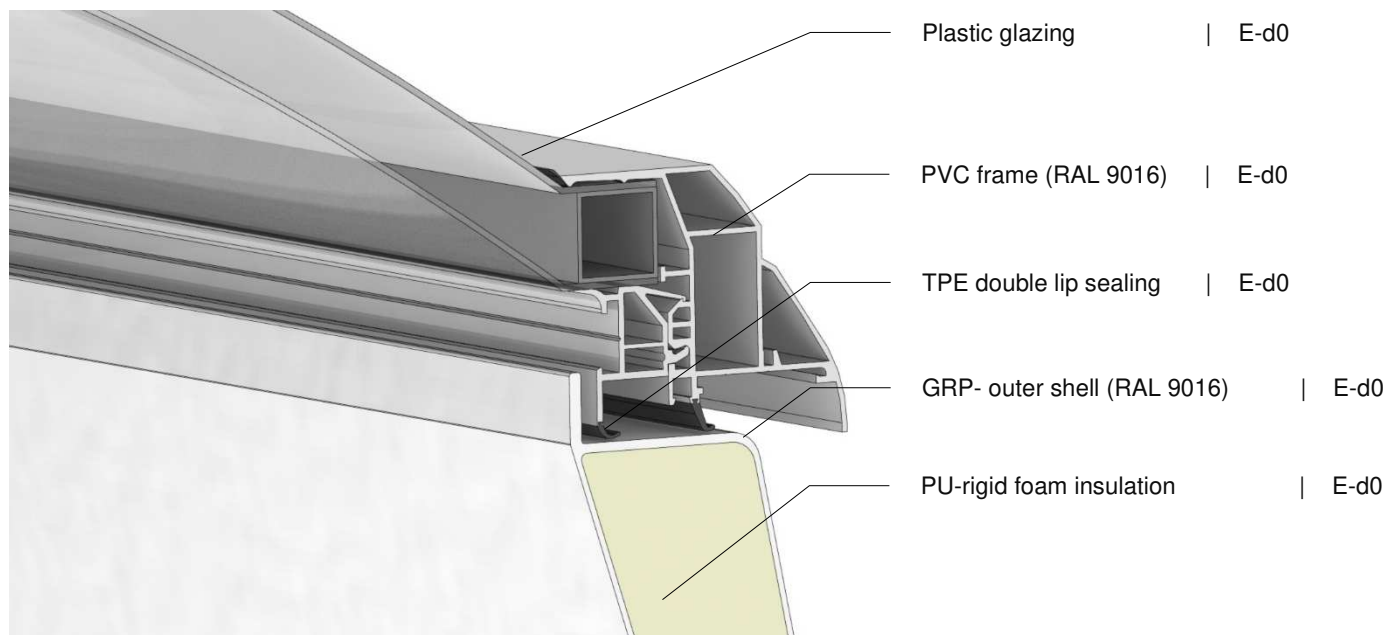


Driven Rain Index
DRI to 14,7m²/s



Wind load to
UL 1780 according
to EN 1873

Materials and Building material classes

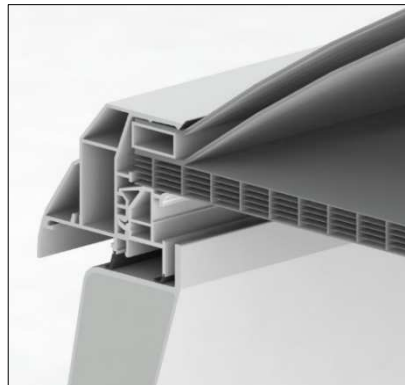


Basic Information

Glazing



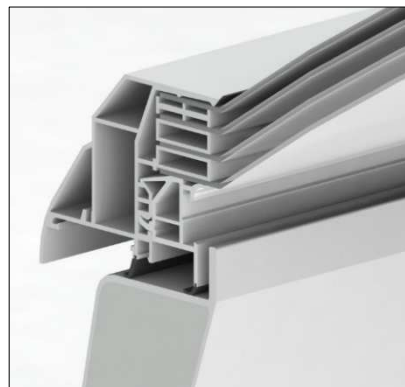
Double skin construction
 U_t approx. 2,7 W/m²K



Double skin construction + PC16
 U_t approx. 1,3 W/m²K



Triple skin construction
 U_t approx. 1,8 W/m²K



Fourfold skin construction
 U_t approx. 1,5 W/m²K

Basic Information

Type	Material	External leaf	Intermediate leaf	Internal leaf	Licht-transmission τ [%]	Total energy admission g [%]	Sound index R_w [dB]	Thermal transition U_t [W/m²K]	Building material class (DIN EN 13501)	hard roofing (EN 13501-5)	Fall-trough proofing (GS-Bau 18)	Hail resistance class (tightness)	Hail resistance class (light transmission)
double skin construction	Plastic	opal	–	opal	70%	70%	24	2,7	E, d0	–	–	–	–
	Plastic	opal	–	clear	78%	78%	24	2,7	E, d0	–	–	–	–
	Plastic	clear	–	clear	86%	86%	24	2,7	E, d0	–	–	–	–
	Plastic	heatstop	–	opal	49%	37%	24	2,7	E, d0	–	–	–	–
	Plastic	heatstop	–	klar	54%	41%	24	2,7	E, d0	–	–	–	–
	Plastic impact	opal	–	opal	56%	56%	24	2,6	B-s1, d0	–	–	HW5	HW5
	Plastic impact	opal	–	clear	66%	66%	24	2,6	B-s1, d0	–	–	HW5	HW5
	Plastic impact	clear	–	clear	77%	77%	24	2,6	B-s1, d0	–	–	HW5	HW5
triple skin construction	Plastic impact strength + Plastic	opal impact strength	–	opal	63%	63%	–	2,7	E, d0	–	–	HW5	HW5
	Plastic	opal	opal	opal	59%	59%	21	1,8	E, d0	–	–	–	–
	Plastic	opal	clear	opal	66%	66%	21	1,8	E, d0	–	–	–	–
	Plastic	opal	clear	clear	73%	73%	21	1,8	E, d0	–	–	–	–
	Plastic	clear	clear	clear	80%	80%	21	1,8	E, d0	–	–	–	–
	Plastic	clear	clear	opal	73%	73%	21	1,8	E, d0	–	–	–	–
	Plastic	heatstop	opal	opal	41%	31%	21	1,8	E, d0	–	–	–	–
	Plastic	heatstop	clear	opal	45%	34%	21	1,8	E, d0	–	–	–	–
	Plastic	heatstop	clear	clear	50%	38%	21	1,8	E, d0	–	–	–	–
	Plastic impact	opal	opal	opal	42%	42%	–	1,9	E, d0	–	1 year	HW5	HW5
	Plastic impact	opal	clear	opal	50%	50%	–	1,9	E, d0	–	1 year	HW5	HW5
	Plastic impact	opal	clear	clear	58%	58%	–	1,9	E, d0	–	1 year	HW5	HW5
fourfold skin construction	Plastic impact	clear	clear	clear	68%	68%	–	1,9	E, d0	–	1 year	HW5	HW5
	Plastic impact strength + Plastic	opal impact strength	opal	opal	53%	53%	–	1,8	E, d0	–	–	HW5	HW5
	Plastic	opal	clear/clear	opal	63%	63%	–	1,5	E, d0	–	–	–	–
	Plastic	opal	opal/opal	opal	50%	50%	–	1,5	E, d0	–	–	–	–
	Plastic	heatstop	clear/clear	opal	42%	32%	–	1,5	E, d0	–	–	–	–
	Plastic impact	opal	clear/clear	opal	45%	45%	–	1,6	E, d0	–	1 year	HW5	HW5

Type	Material	External leaf	Intermediate leaf	Internal leaf	Licht-transmission τ [%]	Total energy admission g [%]	Sound index R_w [dB]	Thermal transition U_t [W/m²K]	Building material class (DIN EN 13501)	hard roofing (EN 13501-5)	Fall-trough proofing (GS-Bau 18)	Hail resistance class (tightness)	Hail resistance class (light transmission)
double skin construction + PC16	Plastic + PC	opal	clear	w eb plate opal	22%	36%	–	1,3	E, d0	–	–	–	–
	Plastic + PC	opal	clear	w eb plate clear	44%	49%	–	1,3	E, d0	–	–	–	–
	Plastic + PC	clear	clear	w eb plate clear	49%	54%	–	1,3	E, d0	–	–	–	–
single skin construction plastic impact strength + PC16	Plastic impact strength + PC	opal	–	w eb plate opal	30%	34%	–	1,4	B-s2, d0	–	–	HW5	HW5
	Plastic impact strength + PC	opal	–	w eb plate clear	43%	46%	–	1,4	B-s2, d0	–	–	HW5	HW5
	Plastic impact strength + PC	clear	–	w eb plate opal	35%	39%	–	1,4	B-s2, d0	–	–	HW5	HW5
	Plastic impact strength + PC	clear	–	w eb plate clear	50%	53%	–	1,4	B-s2, d0	–	–	HW5	HW5
double skin construction plastic impact strength + PC16	Plastic impact strength + PC	opal	clear	w eb plate opal	18%	31%	–	1,3	B-s1, d0	–	–	HW5	HW5
	Plastic impact strength + PC	opal	clear	w eb plate clear	37%	42%	–	1,3	B-s1, d0	–	–	HW5	HW5
	Plastic impact strength + PC	clear	clear	w eb plate clear	44%	49%	–	1,3	B-s1, d0	–	–	HW5	HW5
double skin PC solid + PC16	PC solid + PC	opal	clear	w eb plate opal	18%	31%	–	1,3	E, d0	–	1 year	HW3	HW3
		opal	clear	w eb plate clear	37%	42%	–	1,3	E, d0	–	1 year	HW3	HW3
		clear	clear	w eb plate clear	44%	49%	–	1,3	E, d0	–	1 year	HW3	HW3

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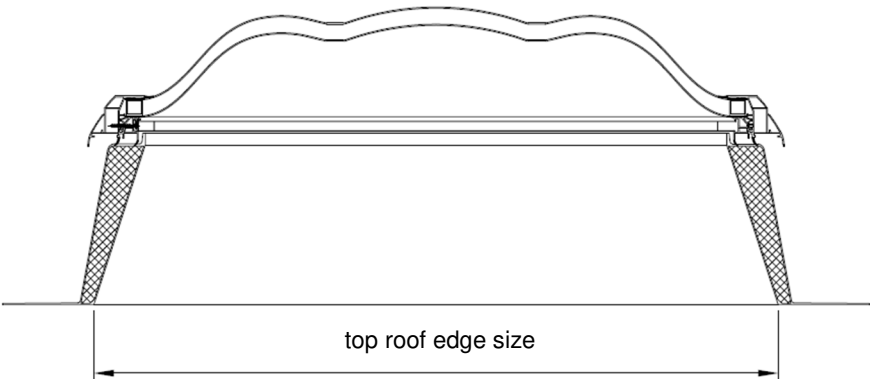


Basic Information

Type	Material	External leaf	Intermediate leaf	Internal leaf	Licht-transmission τ [%]	Total energy admission g [%]	Sound index R_w [dB]	Thermal transition U_t [W/m²K]	Building material class (DIN EN 13501)	hard roofing (EN 13501-5)	Fall-through proofing (GS-Bau 18)	Hail resistance class (tightness)	Hail resistance class (light transmission)
PC solid	double skin	opal	–	opal	56%	56%	24	2,7	E, d0	–	1 year	HW3	HW3
		opal	–	clear	66%	66%	24	2,7	E, d0	–	1 year	HW3	HW3
		clear	–	clear	77%	77%	24	2,7	E, d0	–	1 year	HW3	HW3
		clear	–	opal	66%	66%	24	2,7	E, d0	–	1 year	HW3	HW3
	triple skin	opal	opal	opal	42%	42%	21	2	E, d0	–	1 year	HW3	HW3
		opal	clear	opal	50%	50%	21	2	E, d0	–	1 year	HW3	HW3
		opal	clear	clear	58%	58%	21	2	E, d0	–	1 year	HW3	HW3
		clear	clear	clear	68%	68%	21	2	E, d0	–	1 year	HW3	HW3
	fourfold skin	opal	clear/clear	opal	45%	45%	-	1,6	E, d0	–	1 year	HW3	HW3

Number of waves

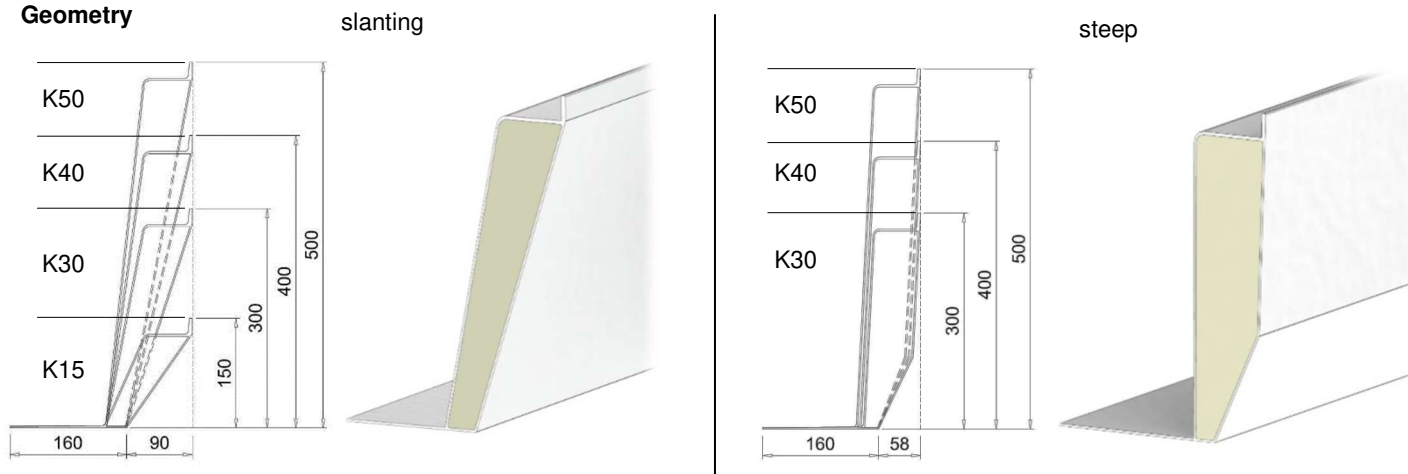
Top roof edge size long side	slanting	steep
60	2	2
80	2	2
90	2	2
100	3	3
120	4	4
125	4	4
135	4	-
140	4	4
145	4	-
150	5	5
180	6	6
200	6	6
210	6	7
230	7	-
240	7	8
250	8	8
270	9	9
300	9	10



Basic Information

Lower part

Geometry



OKD 60/120, 90/90, 90/120, 90/145, 100/100, 100/150, 120/120, 120/240, 150/150, 180/180 and 150/250 also available in K70.

Material



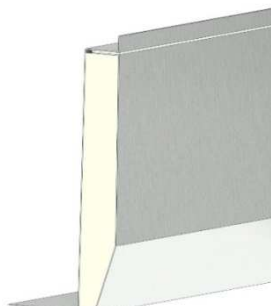
GRP- upstand
 U_{up} ca. 0,5 – 0,9 W/m²K *



one-piece, jointless, insulated



Aluminium- upstand
 U_{up} ca. 1,8 – 6,7 W/m²K *



multipart, corners welded, head riveted, heat insulated



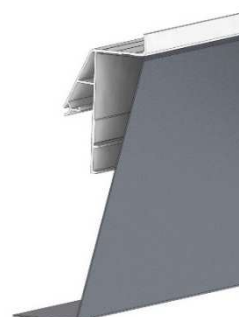
Steel sheet- upstand
 U_{up} ca. 1,3 – 2,4 W/m²K *

*depending on geometry and heat



PVC-head

GRP- head

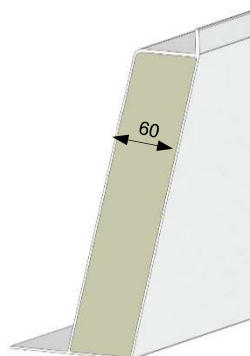


multipart, corners plugged, head screwed, optional heat insulated



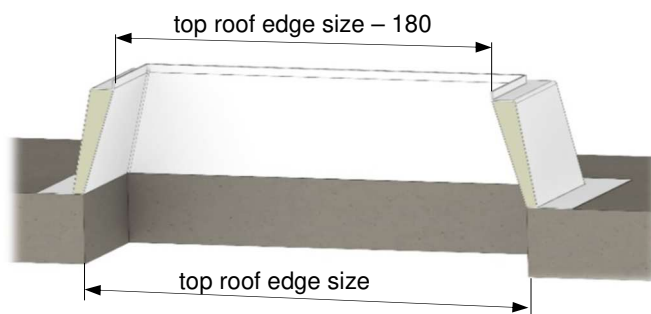
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top roof edge size (cm)	hinge side	lighting area in m ²	
		slanting	steep
50/100		0,26	-
50/150		0,42	-
60/60		0,18	-
60/90		0,30	-
60/120		0,43	-
70/135		0,61	-
80/80		0,38	-
80/150		0,82	-
90/90		0,52	-
90/120		0,73	-
90/145		0,91	-
100/100		0,67	0,78
100/150		1,08	1,22
100/200		1,49	1,67
100/240		1,82	2,02
100/250		1,90	2,11
100/300		2,31	2,55
120/120		1,04	1,18
120/150		1,35	1,50
120/180		1,65	1,83
120/240		2,26	2,48
120/250		2,37	-
120/270		2,57	2,80
120/300		2,88	3,13
125/125		1,14	1,29
125/250		2,48	2,70
135/230		2,48	-
140/140		1,49	1,65
150/150		1,74	1,92
150/180		2,14	2,33
150/200		2,40	2,61
150/210		2,53	2,75
150/240		2,93	3,16
150/250		3,06	3,30
150/270		3,33	3,58
150/300		3,72	3,99
180/180		2,62	2,84
180/210		3,11	3,34
180/240		3,60	3,85
180/250		3,76	4,01
180/270		4,08	4,35
180/300		4,57	4,86
180/320		4,89	-
200/200		3,31	3,55
200/250		4,22	-
200/300	just rigid	5,13	-

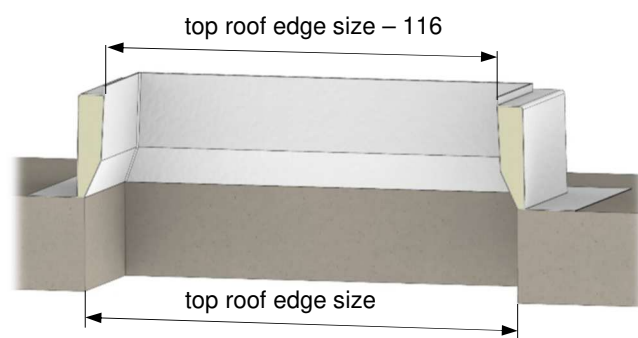


Optional continuous thermal insulation at GRP-upstand 60 mm
U_{up} approx. 0,5 W/m²K

Slanting geometry



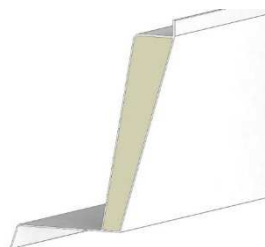
Steep geometry



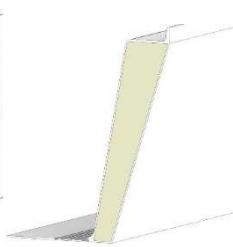
Versions of base flange



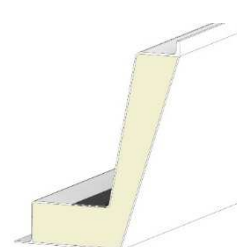
Standard base flange



2 or 4 sided folded base flange

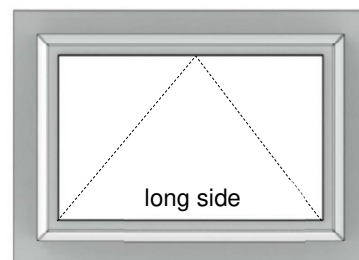
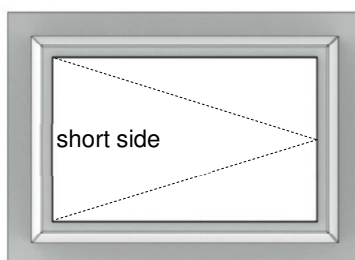


Flat base flange incl. PVC connection rail



Heat insulated base flange, optional incl. PVC connection rail

Hinge sides



Basic Information

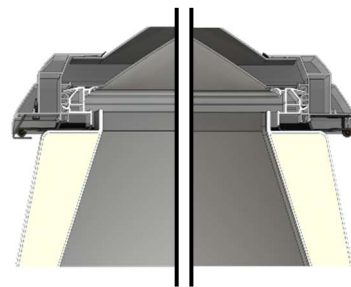
Locking



ventilable locked

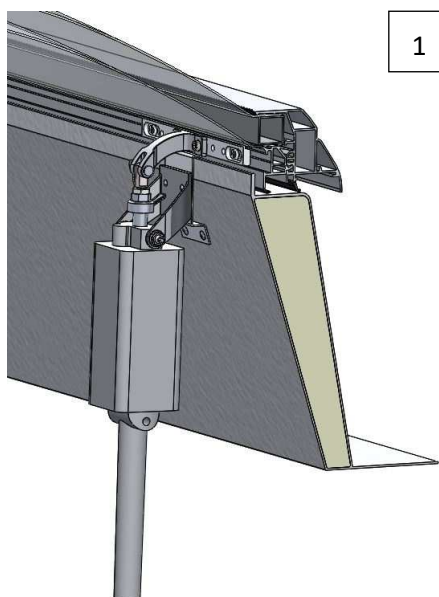


fixed with Z-sheet



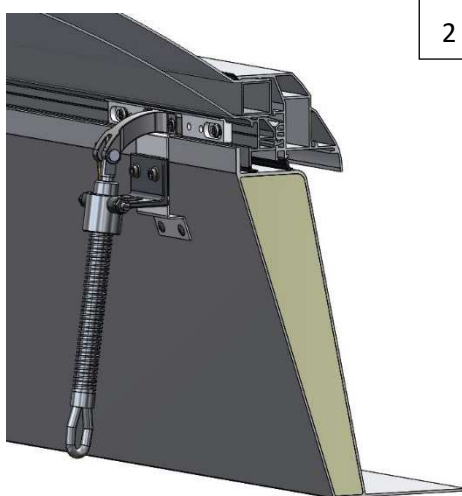
Fixed with hinges on both sides

Opener



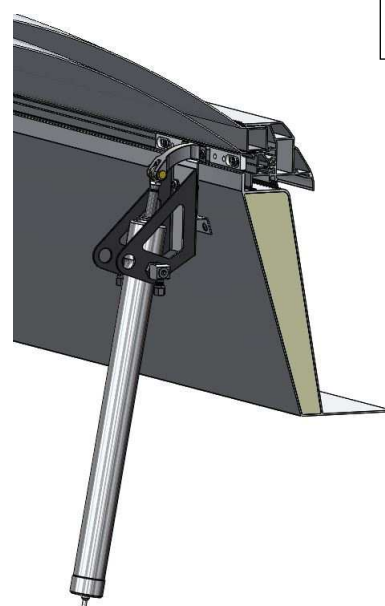
1

Spindle drive Type JMBB
230V
300mm / 500mm hub



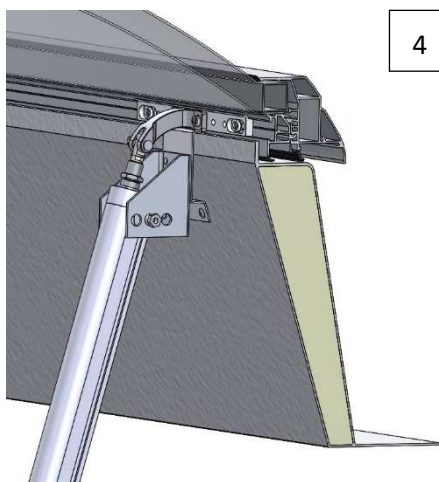
2

Hand spindle
Manual control
285mm hub



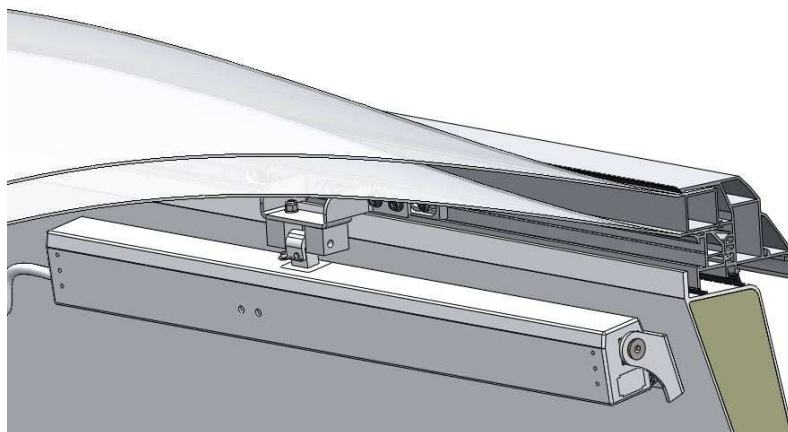
3

Pneumatic cylinder
pneumatic
300mm / 500mm hub



4

Spindle drive
Type Jo65 / Jo100, 24V
300mm / 500mm hub



5

Chain drive
230V or 24V
300mm / 500mm hub