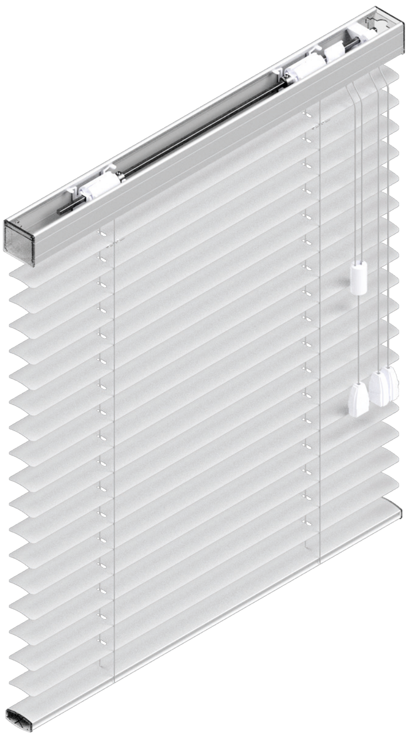
MAGNUM
POLSKA

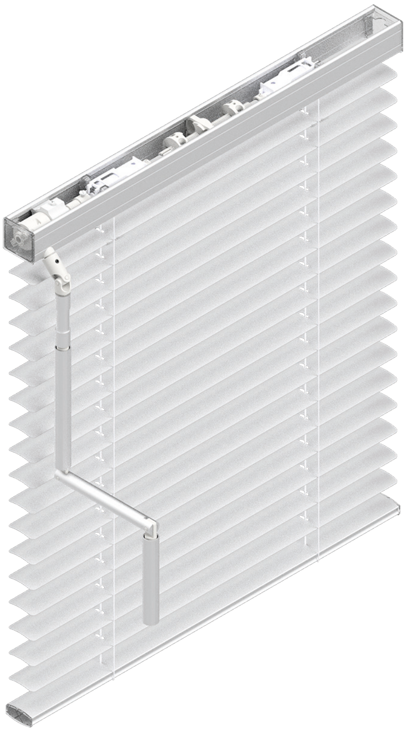
V35
systems

Production specification

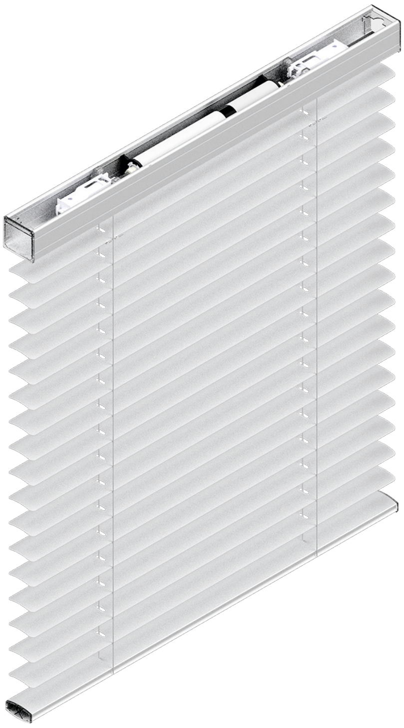
V35 Standard



V35 Crank



V35 Smart



OPTIONS

SIDE-GUIDE

15-0226-K0-W0 35 spring and housing
15-0254-K0-W0 35 locking ring
15-3212-K0-W0 end cap eyelet

15-6012-K0000-W750 flexible metal cable ∅1,3 mm
or
15-6012-K0000-W1000 flexible metal cable ∅1,2 mm

15-0254-K0-W0
35 locking ring

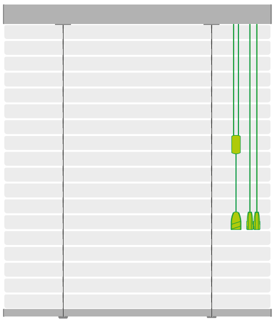
15-0248-K0-W0 35 side guiding br. sill
or
15-0232-K0-W0 35 side guiding br. jamb

BOTTOM RAIL BRACKET

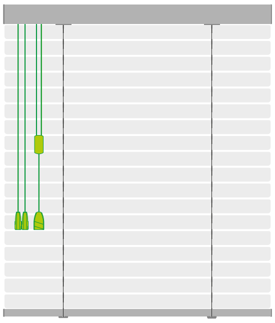
15-0282-K0-W0
35 hold down brack. Sill
or
15-0276-K0-W0
35 hold down brack. Jamb

15-0337-K0-W0
35 hold down pin

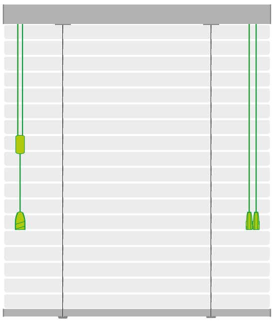
V35 Standard – control installation options



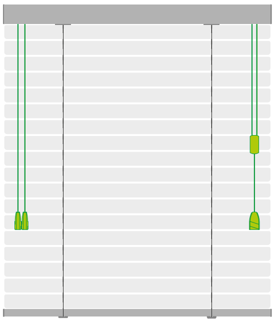
Tilter & cordlock
on the right side



Tilter and cordlock
on the left side

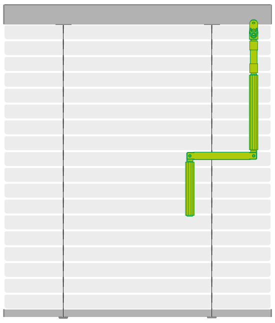


Tilter on the right;
cordlock on the left

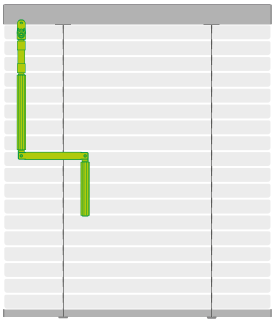


Tilter on the left;
cordlock on the right

V35 Crank – control installation options



Crank on the right side



Crank on the left side

Number of ladders and strings

	L – VB width [mm]	Y – Distance to the first and last ladderstring from the edge [mm]	Qty of ladderstrings	Qty of cords	Arrangement of ladders, strings and handles
	360 - 460*	110	2	2	■—■
	461 - 1000	150	2	2	■—■
SMART	570 - 550	110	2	2	■—■
	551 - 1000	150	2	2	■—■
	1001 - 1700	150	3	3	■—■—■
	1701 - 2400	150	4	4	■—■—■—■
	2401 - 3100	150	5	2	■—■—□—■—■
	3101 - 3800	150	6	4	■—□—■—■—□—■
	3801 - 4000	150	7	4	■—□—■—□—■—□—■

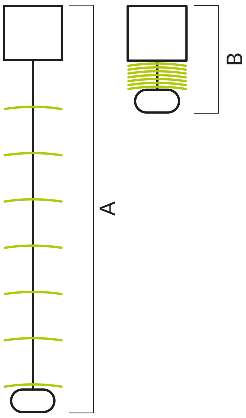
■ – ladder and string
ATTENTION!!! only in these places cut a hole for the string in the bottom rail
□ – ladder
* – separate control only

VB height – ladderstring pitch

The height of venetian blinds depends on the laddertstring pitch. In V35 venetian blinds the ladderstring pitch depends 31 mm.

Standard sizes of V35 blinds systems

System	Size	Dimensions [mm]		Area $[m^2]$
		Width	Height	
V35 Standard	Min.	360	400	0,15
	Max.	4000	3000	9
V35 Crank	Min.	600	400	0,19
	Max.	4000	3000	10
V35 Smart	Min.	470	400	0,19
	Max.	4000	3000	4



B = 3% x A + 50 mm + 4 mm (15-0171-K0-W0 35 swivel bracket) or + 7 mm (15-0187-K0-W0 35 universal bracket)

VB mounting

Installation brackets used for the V35 blinds enable mounting it to the wall or ceiling. Number of installation brackets depends on the width of the blinds.

VB width [cm]	Qty of installation brackets
< 160	2
161 ÷ 280	3
281 ÷ 400	4

Available installation brackets

15-0171-K0-W0
35 swivel bracket

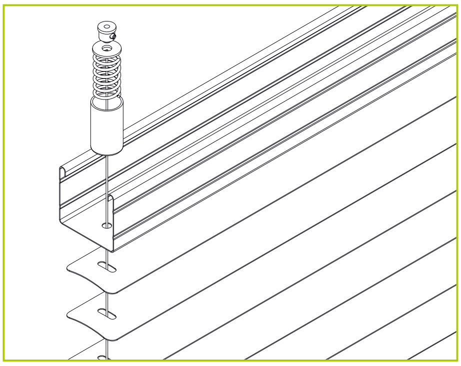
15-0210-K0-W0
35 extension bracket adj.

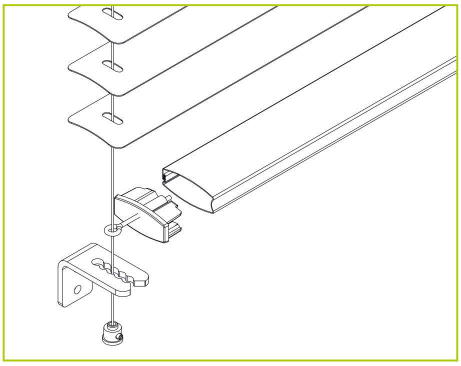
15-0187-K0-W0
35 universal bracket

Side guides – FIX

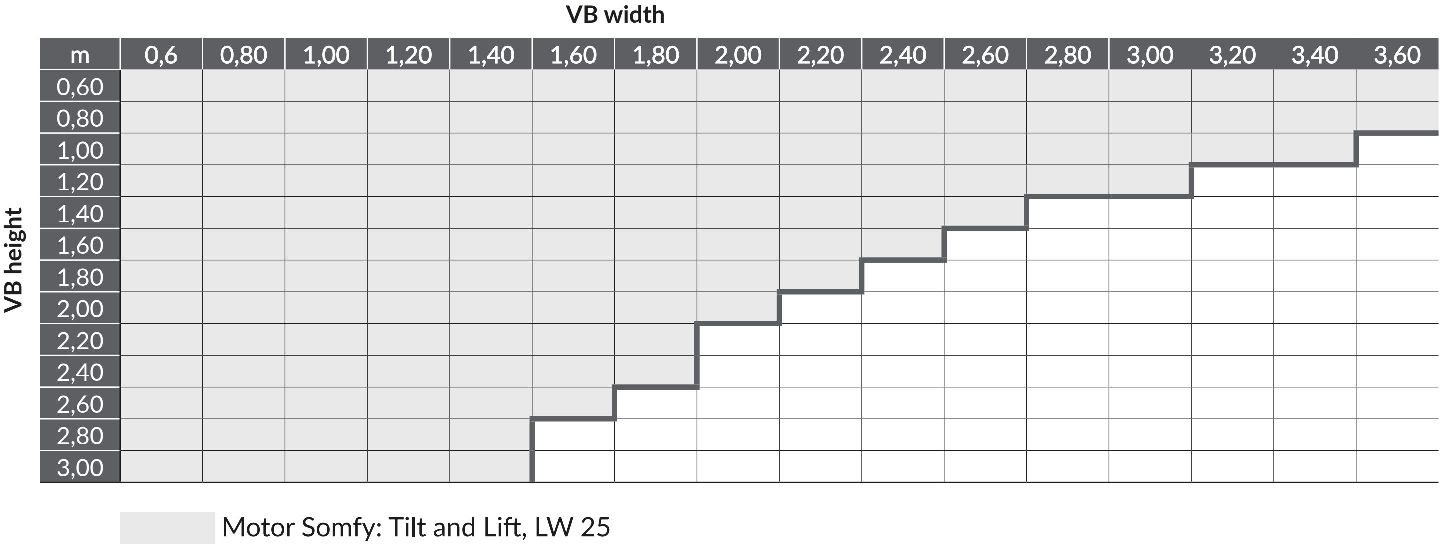
Side-guiding stabilizes the vertical position of the blinds. In V35 venetian blinds a steel cable, a diameter of 1.3 mm or 1.2 mm is used for this purpose (15-6012-K0000-W750/15-6012-K0000-W1000) mounted in the head rail using the V35 locking ring (15-0254-K0-W0), which is stabilized is a spring with a V35 housing (15-0226-K0-W0). Then the line goes through side guide holes in the blinds and end cap eyelet (15-3212-K0-W0) mounted in the Bottom rail end cap (15-0651-K7178-W0) or 35 bottom rail end cap (15-0365-K0-W0). From the bottom, the cable is blocked by 35 locking ring (15-0254-K0-W0) mounted in the 35 side guiding br. jamb (15-0232-K0-W00) or in the 35 side guiding br. sill (15-0248-K0-W0).

The holes for steel cable in aluminum slats is 10,5 mm from the slats edge on both sides.





Maximum size of VB V13 Smart



VB width

VB height

m	0,6	0,80	1,00	1,20	1,40	1,60	1,80	2,00	2,20	2,40	2,60	2,80	3,00	3,20	3,40	3,60
0,60	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
0,80	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
1,00	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	
1,20	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨			
1,40	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
1,60	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨						
1,80	▨	▨	▨	▨	▨	▨	▨	▨	▨							
2,00	▨	▨	▨	▨	▨	▨	▨	▨								
2,20	▨	▨	▨	▨	▨	▨	▨									
2,40	▨	▨	▨	▨	▨	▨	▨									
2,60	▨	▨	▨	▨	▨	▨										
2,80	▨	▨	▨	▨	▨											
3,00	▨	▨	▨	▨	▨											

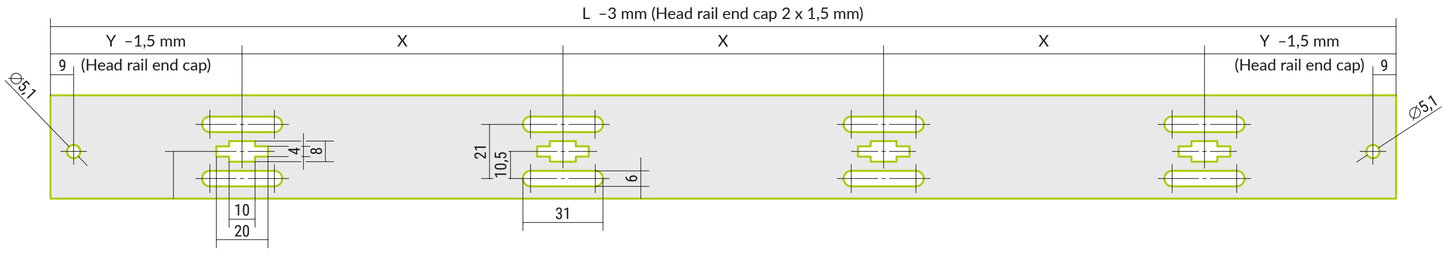
▨ Motor Somfy: Tilt and Lift, LW 25

Hole measurements in rail and slats

L – VB width **Y** – distance to the first and last ladderstring from the edge **X** – distance between ladders

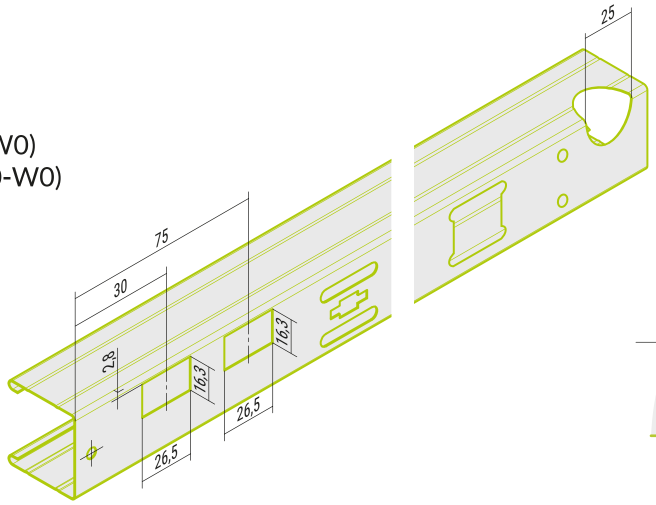
HEAD RAIL

dimensions of holes for V35 bearing bracket (15-0645-K952-W0) and side guides



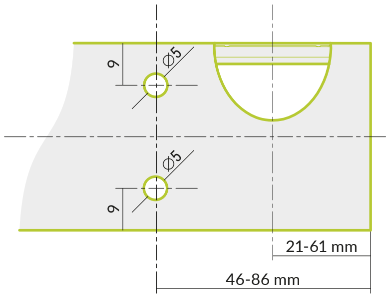
HEAD RAIL
V35 STANDARD

dimensions of holes for
35 mm cord tilter (15-0433-K0-W0)
and 35 pl. cord lock (15-0640-K0-W0)



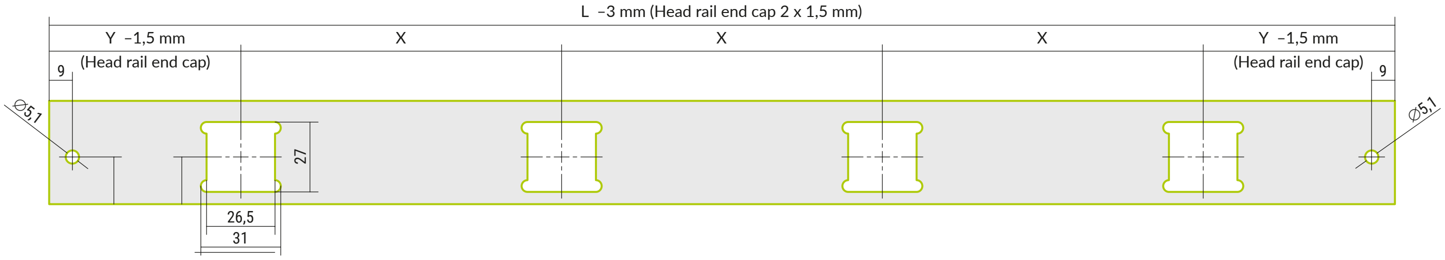
HEAD RAIL
V35 CRANK

dimensions of holes for
Diving gear 35/50 cd-rh
(15-3085-K0-W0)

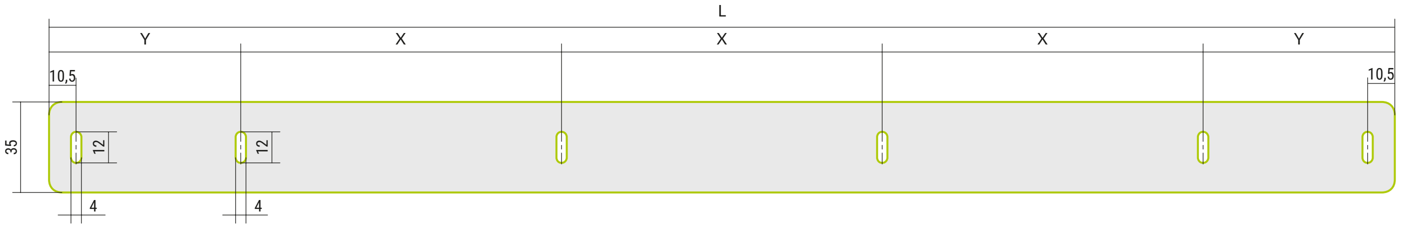


HEAD RAIL

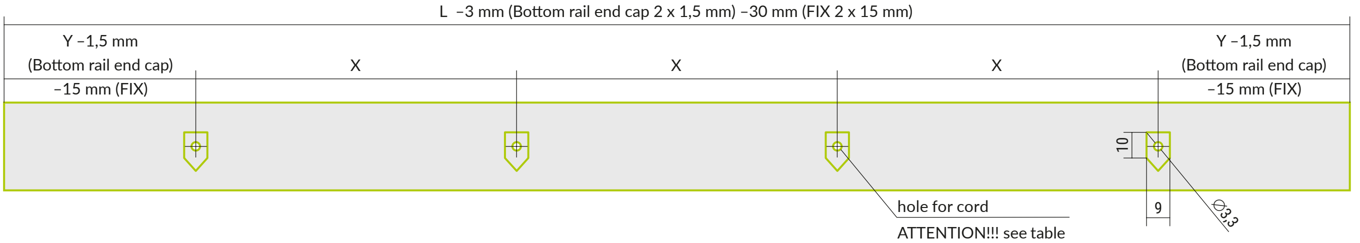
dimensions of holes for CTS – Bearing 35 mm (91-62135-K0-W0)



SLAT – hole measurements in slats for cords and side guides



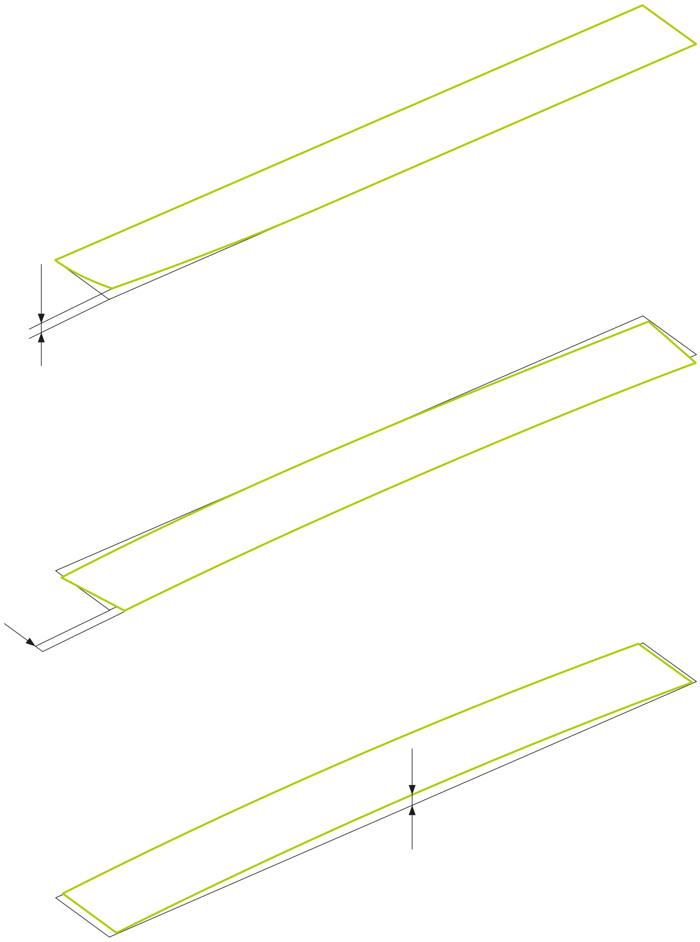
BOTTOM RAIL – dimensions of holes for 35 tape button (15-0912-K0-W0)



ATTENTION!!! see table
“Number of ladders and strings”
page 2

Standards of tolerance of shape and dimensions of horizontal blinds

PN-EN 13120:2009+A1:2014-04



TORSION / TWIST

angular deviation between the ends of the slats [mm/m] measured in the target position of the slats (horizontal).

Allowable twist between the ends of the slats	
Material type	Max. allowable torsion [mm/m]
Aluminum slats	2
Wooden slats	2

CAMBER

slats edge deviation, length L [m] with reference to a flat surface.

Allowable camber between the ends of the slats	
Material type	Max. allowable camber [mm/m]
Aluminum slats	$0,5*L^2$
Wooden slats	2*L

ARCH

deviation of slats, length L [m] supported at two points on the ladder in relation to the surface defined by the ends of the slats. Measurements should be taken with the venetian blind lowered to minimize the influence of the VB weight on the bend.

Allowable bend between the ends of the slats	
Slats length [m]	Max. allowable arch [mm/m]
1,5	5
1,5 < L < 2,5	10
2,5 < L < 3,5	15

DIMENSIONAL TOLERANCE

On the assumption of the operation of the blinds in optimal conditions for a period of 1 year, the dimensional tolerance may change in relation to the height of +/- 3% and the width of +/- 0.5%.

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