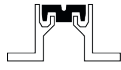
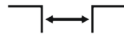




For seismic zone



Recess mounted



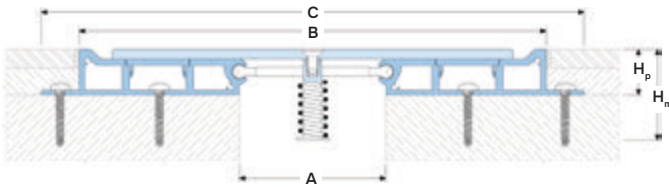
Joint width 50-500 mm



Movements in 3 planes



Indoor/outdoor



**DESIGNATIONS:**

A – nominal joint width;  
B – visible width;  
C – full width (min mounting seat);  
H<sub>p</sub> – installation height;

H<sub>m</sub> – eccentric penetration depth<sup>5</sup>;  
M<sub>s</sub> – seismic movements;  
M<sub>x</sub> – horizontal movements;  
M<sub>y</sub> – vertical movements.

Profile	Cover type <sup>3</sup>	Sizes, mm				Movements, mm			Permissible loads (kN)			
		A <sup>2</sup>	B	C	H <sub>p</sub>	M <sub>s</sub> <sup>5</sup>	M <sub>x</sub>	M <sub>y</sub>				
SV 58/50/... <sup>1</sup>	.1 / .3 / .5	50	225	270	25, 50 75, 100	Up to ±100% <sup>5</sup>	110 (+70/-40)	10 (+5/-5)	50	600	90 <sup>4</sup>	30
SV 58/80/... <sup>1</sup>	.1 / .3 / .5	80	255	300		Up to ±100% <sup>5</sup>	140 (+70/-70)	16 (+8/-8)	50	600	90 <sup>4</sup>	30
SV 58/100/... <sup>1</sup>	.1 / .3 / .5	100	275	320		Up to ±100% <sup>5</sup>	140 (+70/-70)	20 (+10/-10)	50	600	90 <sup>4</sup>	30
SV 58/125/... <sup>1</sup>	.1 / .3 / .5	125	300	345		Up to ±100% <sup>5</sup>	140 (+70/-70)	26 (+13/-13)	50	300	70 <sup>4</sup>	20
SV 58/150/... <sup>1</sup>	.1 / .3 / .5	150	325	370		Up to ±100% <sup>5</sup>	140 (+70/-70)	30 (+15/-15)	50	300	70 <sup>4</sup>	20
SV 58/200/... <sup>1</sup>	.1 / .3 / .5	200	375	420		Up to ±100% <sup>5</sup>	140 (+70/-70)	40 (+20/-20)	50 <sup>4</sup>	100	50 <sup>4</sup>	10
SV 58/250/... <sup>1</sup>	.1 / .3 / .5	250	425	470		Up to ±100% <sup>5</sup>	140 (+70/-70)	40 (+20/-20)	50 <sup>4</sup>	50	30 <sup>4</sup>	10
SV 58/300/... <sup>1</sup>	.1 / .3 / .5	300	475	520		Up to ±100% <sup>5</sup>	140 (+70/-70)	40 (+20/-20)	50 <sup>4</sup>	50	30 <sup>4</sup>	5
SV 58/400/... <sup>1</sup>	.1 / .3 / .5	400	575	620		Up to ±100% <sup>5</sup>	140 (+70/-70)	40 (+20/-20)	50 <sup>4</sup>	–	–	5
SV 58/500/... <sup>1</sup>	.1 / .3 / .5	500	675	720		Up to ±100% <sup>5</sup>	140 (+70/-70)	40 (+20/-20)	50 <sup>4</sup>	–	–	–

<sup>1</sup>... – installation height to choose from standard (see H).

<sup>2</sup> Standard expansion joint width shown. The profile can be made to the required width from 50 to 500 mm.

<sup>3</sup> The cover can be made in a choice of different materials. See "Cover Types".

<sup>4</sup> Not for cover type .1 – For the aluminum cover (1), the loads are 30% less for constant vehicle traffic. Solid wheels are not allowed. Consider the DUALLINE Heavy SV 51 or DUALLINE Metall series.

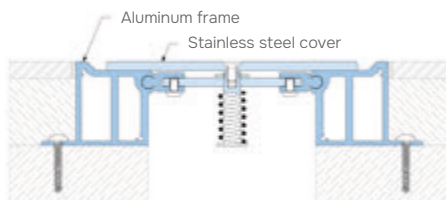
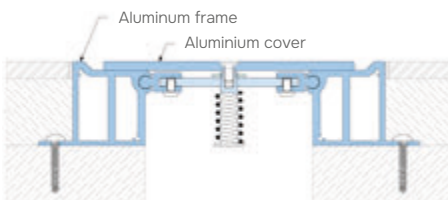
<sup>5</sup> The standard allowable movement for seismic joints is specified as +/-50% of the joint width. On request, the profile can be produced with allowable seismic movements up to +/-100% of the joint width - request additional data.

**COVER TYPES**

→ .1 (SV 58.1)

→ .3 (SV 58.3)

→ .5 (SV 58.5)



## ▶ LABELING

(example)



Profile Series:

SV 58.1 – standard version (all aluminum parts);

SV 58.3 – The cover is made of stainless steel;

SV 58.5 – The cover and protective cover are made of stainless steel.

Only applicable for SV 58.5 series. Indicates the protective cover on the profile frame and its material.

## ▶ TECHNICAL DATA

### → FRAME

<b>Material</b>	Aluminum EN AW 6063 T6 (T66 <sup>7</sup> )
<b>Tolerances</b>	EN 12020-2:2008
<b>Strength, MPa</b>	$\sigma_b = 250^7$
<b>Length, m</b>	3,0
<b>Tooling</b>	Mounting holes
<b>Fasteners</b>	Included (Screws Rawlplug R-LX-5x50-HF)

<sup>6</sup> On request, the cover can be made of other types of stainless steel: AISI 316, 430 or others.

<sup>7</sup> For EU market.

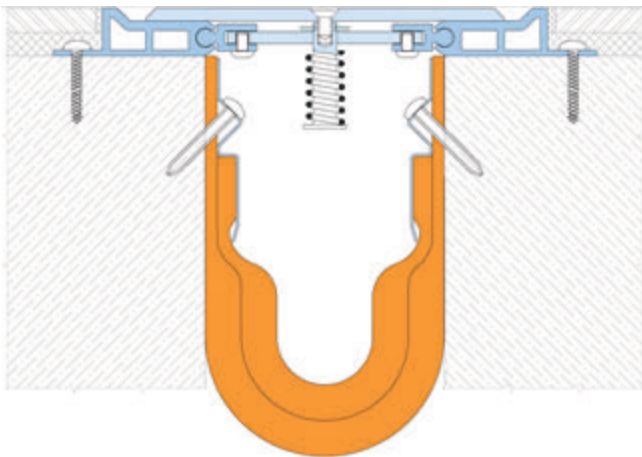
### → COVER

<b>Material</b>	Aluminum EN AW 6063 T66	AISI 304 <sup>6</sup> (1.4301)
<b>Strength, MPa</b>	$\sigma_b = 250$	$\sigma_b = 515$
<b>Tolerances</b>	EN 12020-2	EN 1090-2
<b>Length, m</b>	3,0	3,0
<b>Tooling</b>	Mounting holes	Mounting holes
<b>Surface coat</b>	Mill finish	See "Stainless steel surface finishes"

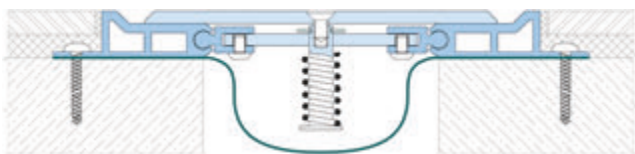
## ▶ EXECUTION OPTIONS



Use of a fire barrier with a fire resistance rating of up to EI 240.



Using a vapor barrier for waterproofing an expansion joint.



## ▶ EQUIPMENT PROFILE



## ▶ CORNER VERSION

All profiles have corner versions for floor-to-wall connections (joint along the wall). These profiles have an «E» index: SV-E.

Example: SV-E 58.3/100-150(SS)/25

