## Door closer hinges

- For internal, external and escape route aluminium doors
- Opening up to 180° with damper from 170° to 180°
- Adjustable latch and closing speed
- Compact design
- Certified according to standards EN 1154: 2006 and EN 1935: 2002 + AC: 2003





### ADVANCED PRECISION MICROTECHNOLOGY BY SAVIO

The hydraulic system that makes it possible to reclose the door is made with high-precision internal components that guarantee excellent reliability over time.

# THE ERA OF DOOR CLOSERS IS OVER. NOW IS THE ERA OF SAVIO REKLÒ

### Reklò 2-in-1

Savio introduces Reklò, the innovative solution for door-closing systems that combines 2 products into 1 – hinge and door closer – to achieve a superior efficiency level.

### Easy and quick application

Reklò is assembled as easily as a traditional hinge. In fact, on Eurogroove profiles, with a 10/12-mm step and 5-mm clearance, including with reduced sections, it requires no machining. A further simplification is that it also does not require any masonry work in case of applications limited to 90° with adjacent walls.

### **TUV-tested performance**

Reklò was tested with 2 hinges according to the stringent European standards from the TUV, which certify its use for doors weighing up to 120 kg in class force 3.

### **Discreet design**

Compared to traditional door closers, Reklò features an attractive and non-invasive look, that fits in well in any room.

It is available in a wide range of finishes (paintable or anodizable).



# SAVIO REKLÒ. THE NEW HINGE WITH BUILT-IN DOOR CLOSER

Savio Reklò. It closes with the past, opens to innovation

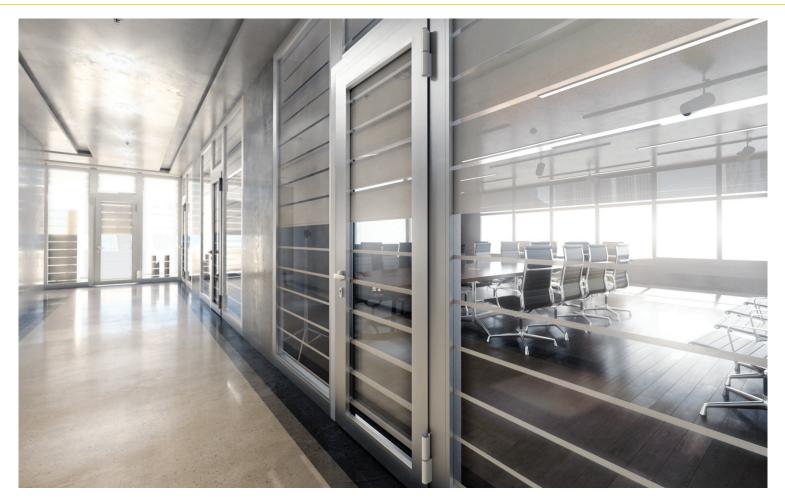


savio.it

Reklò for escape route doors: it guarantees reliability and long service life in high people traffic situations, where the hinge is subjected to severe stress



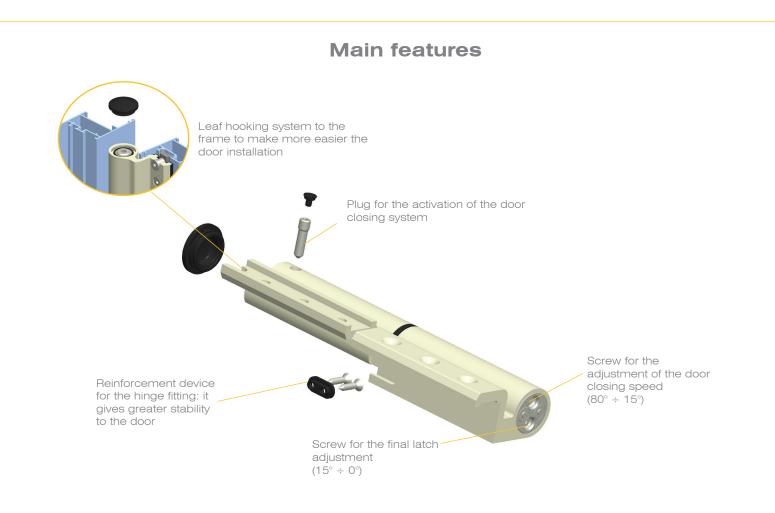
Reklò for interior doors: its attractive and non-invasive visual impact allows it to be installed in any location



# Cechnical features Leaf moving 0 ÷ 15° Image: Second s

Opening up to 180° with limit switch dampened from 170° to 180°. The door closing mode activates itself starting from 80°.

function



### Certifications

Tested according to standard EN 1154 : 2006 for door closing devices and according to standard EN 1935 : 2002 + AC : 2003 for hinges that allow its application on escape routes as well. It obtained the CE marking.

CERTIFICAT	CERTIFICATE No. B 16 12 97887	001	Piedut Borte
CERTIFICADO +	Model(s);	1190L/28 + 1	a (Mod. 1190L/28 + 1190.702; 190L.700; 1190L/28 + 1190L.701; 190702; 11907/28 + 1190L.700; 1190R.701)
+	Parameters:	Efficiency: Range: Load max:	85.5% 0°; 180° 120 ka
СЕРТИФИКАТ	Tested according to:	EN 1154:2006	
♦ CEPT	Production Facility(les):	97887	
掌理理않			
<ul> <li>CERTIFICATE </li> </ul>			
ZERTIFIKAT	Page 2 cf2		
ZERTI	TÜV SÜD Product Service Gil	rbli - Zertnizienstelle	Ridla $\pi$ rs 36 e 8 - 88399 München - Germany $TUV^{\%}$

STA	STANDARD EN 1154 : 2006							
<b>1</b> a	<b>2</b> ª	3 <sup>a</sup>	<b>4</b> a	<b>5</b> ª	<b>6</b> ª			
3	8	3	0	-	<u></u> 4*			
3	0	6w	0		4			

w : for weight capacity up to 120 Kg

1<sup>a</sup> Category of use; 2<sup>a</sup> Durability; 3<sup>a</sup> Closing force; 4<sup>a</sup> Suited for fireresistant doors; 5<sup>a</sup> Safety; 6<sup>a</sup> Corrosion resistance

FEASIBLE CONFIGURATIONS (1190x = 1190L or 1190R)					
Config 1	n° 1 pcs. 1190x/28 + n° 1 pcs. 1195/28				
Connig i	Force 2	Door max weight 80 Kg			
Config 0	n° 2 pcs. 1190x/28				
Config 2	Force 3	Door max weight 120 Kg			
Config 2	n° 3 pcs. 1190x/28				
Config 3	Force 4	Door max weight 120 Kg			

\* : according to the standard EN 1670, it was reached the grade 5 (480 hours in salt spry), corresponding to an exceptional resistance to corrosion

	ficato di Costanza	della Prestazione	: 1994-CPR-CE-025	R
_				
1	Allegato 1			
			Con riferiments	
a it	Certificato di Costar data 26/05/2017;	iza della Prestazione n	1994-CPR-CE-0251 en	tesso dall'Organismo di Certificazione IRCCOS S.r.I.
	le prestazioni ottenu aboratorio Notificato	te e descritte nel docu	mento relativo alle pro	ve Iniziali di Tipo, n. 1994-CPR-RP1546 emesso da
	Internet internet	INCCOS S.I.I.	si certifica che il pro	dotto
		"	Cerniera RE	KLO' "
			immesso sul merca	to da
		100	Savio S.p.A Via Torino 2 50 Chiusa San Mic ITALIA	15
it	conformità alla norm	u EN 1935:2002+AC	2003 ha ottenuto la seg	sente classificazione:
	Identificazione del prodotto	Classificazione	Stabilimento di produzione	Campo di diretta applicazione
	1190R/28 *	4-7-6-0-1-4-0-13	Savio S.p.A Via Torino 25	Cerniera da applicare su via di fuga, senza caratteristiche di resistenza al
	1190L/28 *	4-7-6-0-1-4-0-13	10050 Chiusa San Michele (TO)	fuoco e/o tenuta al fumo. Sistema di valutazione e verifica della
	1195/28 *	4-7-6-0-1-4-0-13	ITALIA	costanza della prestazione: 1
	codice accessori in	abbinamento: n. 119	00/702, n. 1190R/700,	n. 1190L/700, n. 1190R/701, n. 1190L/701
•				
0	presente allegato no rtificato di Costanza	n ha carattere di esai della Prestazione.	astivită e può essere rij	prodotto esclusivamente ad integrazione del relativo
0	presente allegato no rtificato di Costatora	della Prestazione. E Istituto di I per le Ci via Grandi nº	stività e può essere rij RCCOS S.r.I. Ricerca e Certificazior struziori Sostenibili 17, 21017 Samarate ( JVA 05159630950	Organismo Notificato n. 1994 Il Direttore Tecnico

STANDARD EN 1935 : 2002 + AC : 2003							
<b>1</b> a	<b>2</b> <sup>a</sup>	<b>3</b> a	<b>4</b> a	<b>5</b> <sup>a</sup>	<b>6</b> <sup>a</sup>	<b>7</b> a	<b>8</b> a
4	7	6	0	1	4*	0	13

1<sup>a</sup> Category of use; 2<sup>a</sup> Durability; 3<sup>a</sup> Test door mass; 4<sup>a</sup> Suited for fireresistant doors; 5<sup>a</sup> Safety; 6<sup>a</sup> Corrosion resistance; 7<sup>a</sup> Anti-burglar resistance; 8<sup>a</sup> Hinge grade

(F

### Items

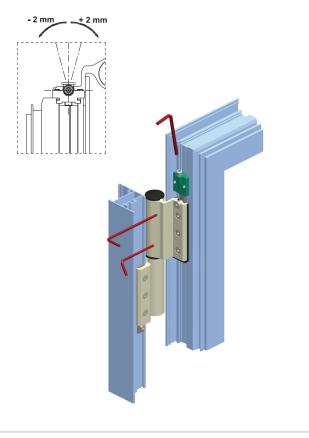
		<b>N</b> 110	-	
	Item 1190R/28		Pcs.	Finishes 9005, 9010, BL10, SILV,
	11906/28	REKLÓ 2-wing door closer hinge, RH pre-assembled, in coated or anodized aluminium, internal mechanism in galvanized steel, nickel, stainless steel and brass, rubber gaskets, 1 stainless steel stiffening snap, 2 white galvanized countersunk head screws 3.5x16, 1 black nylon upper cap.	4	9005, 9010, BE10, SILV, F
	1190L/28	Like art. 1190R/28 but LH pre-assembled.	4	9005, 9010, BL10, SILV, F
	Item	Description	Pcs.	Finishes
	1195/28	2-wing adjustable door hinge made of aluminium, centre of rotation 26.5 mm, 1 stainless steel pin Ø 11 mm, pre-assembled on nylon cam bushing device, 1 self- lubricating bushing and 1 cap in nylon. Weight capacity: 2 hinges 120 Kg.	4	9005, 9010, BL10, SILV, F
	Item	Description	Pcs.	Finishes
	1190R.700	RH aluminium fitting kit for Eurogroove profiles (frame grooves 14-18 mm), including: 2 stainless steel pins for sash wing clamping, 2 counterplates for sash wing and 2 counterplates for RH frame wing in rough aluminium, 2 spacers of 1 mm and 2 spacers of 2 mm in black nylon for sash, 12 socket head cap screws M5x12 in stainless steel, 2 T15 special grub screws M6x8.8 in stainless steel and 1 adjustment group in white galvanized zamak composed of 2 grub screws PCOP M5X6 and 2 socket head cap screws M5x35 in stainless steel, pre-assembled.	2	
	1190L.700	Like art. 1190R.700 but LH.	2	
	Item	Description	Pcs.	Finishes
	1190R.701	RH aluminium fitting kit for Eurogroove/NC Int. profiles (frame grooves 13-16.5 mm), including: 2 stainless steel pins for sash wing clamping, 2 counterplates for sash wing and 2 counterplates for RH frame wing in rough aluminium, 2 spacers of 1 mm and 2 spacers of 2 mm in black nylon for sash, 12 socket head cap screws M5x12 in stainless steel, 2 T15 special grub screws M6x8.8 in stainless steel and 1 adjustment group in white galvanized zamak composed of 2 grub screws PCOP M5X6 and 2 socket head cap screws M5x35 in stainless steel, pre-assembled.	2	
	1190L.701	Like art. 1190R.701 but LH.	2	
5	Item	Description	Pcs.	Finishes
	1190.702	Non-handed aluminium fitting kit for Eurogroove profiles (frame grooves 10-14.3 mm), including: 2 stainless steel pins for sash wing clamping, 2 counterplates for sash wing and 2 counterplates for frame wing in rough aluminium, 2 spacers of 1 mm and 2 spacers of 2 mm in black nylon for sash, 12 socket head cap screws M5x12 in stainless steel, 2 T15 special grub screws M6x8.8 in stainless steel and 1 adjustment group in white galvanized zamak composed of 2 grub screws PCOP M5X6 and 2 socket head cap screws M5x35 in stainless steel, pre-assembled.	2	
	Item	Description	Pcs.	Finishes
	1190.901	Black nylon drilling jig for stiffening snap and upper hinge positioning, for items 1190R/28 - 1190L/28.	1	

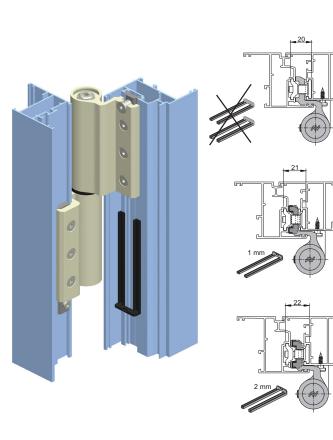
### **Adjustments**

By means of nylon shims.

### HEIGHT ADJUSTMENT

After loosening the 3 fixing screws of the upper and lower hinge using an Allen wrench, use the height adjustment screw to adjust the leaf (+2/-2 mm). Lastly, tighten once again the fixing screws.





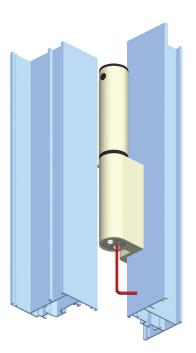
LATERAL ADJUSTMENT

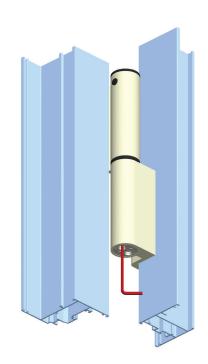
### SPEED

Using an Allen wrench, you can adjust the closing speed of the leaf. The leaf closing speed can be reduced to less than 3 seconds with leaf stopped.

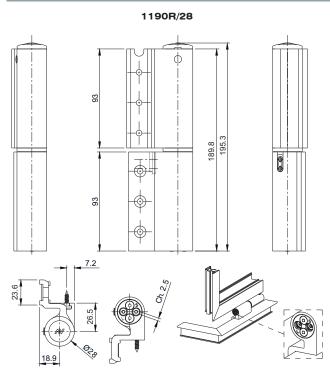
### SPEED FINAL LATCH

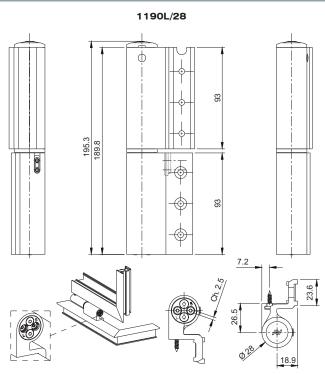
Using an Allen wrench, you can adjust the speed of the final latch by accelerating the speed in the last 15°, in order to ensure a safe closing of the lock.

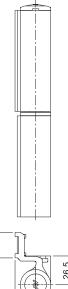


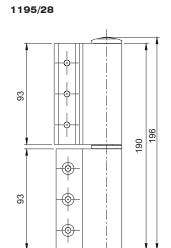


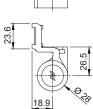
### Door closer hinges REKLÒ and traditional model







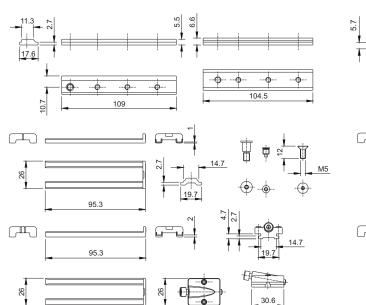




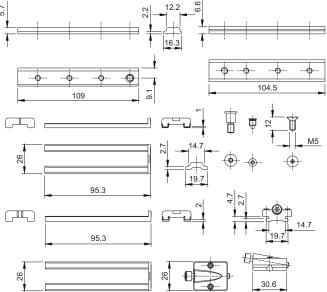
### **Technical drawings**



1190L.700

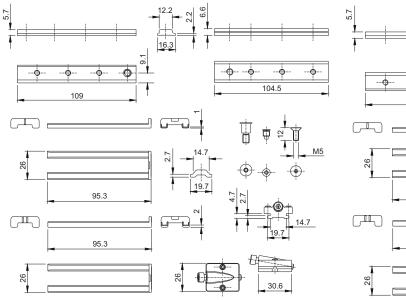


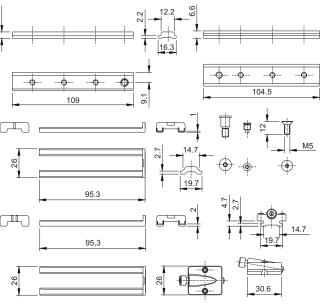
1190R.700



1190R.701

1190L.701



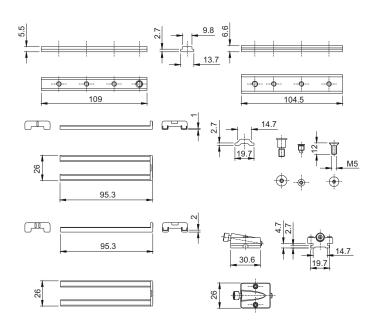


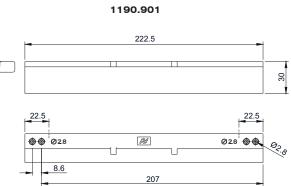
### Technical drawings

### Accessories

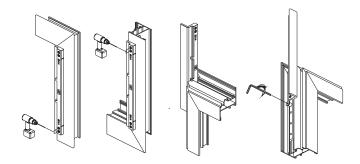
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1190.702





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