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).



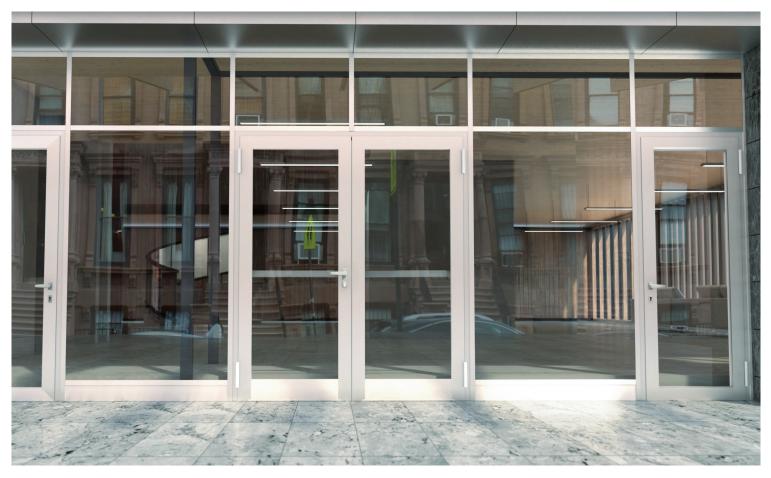
SAVIO REKLÒ. THE NEW HINGE WITH BUILT-IN DOOR CLOSER

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

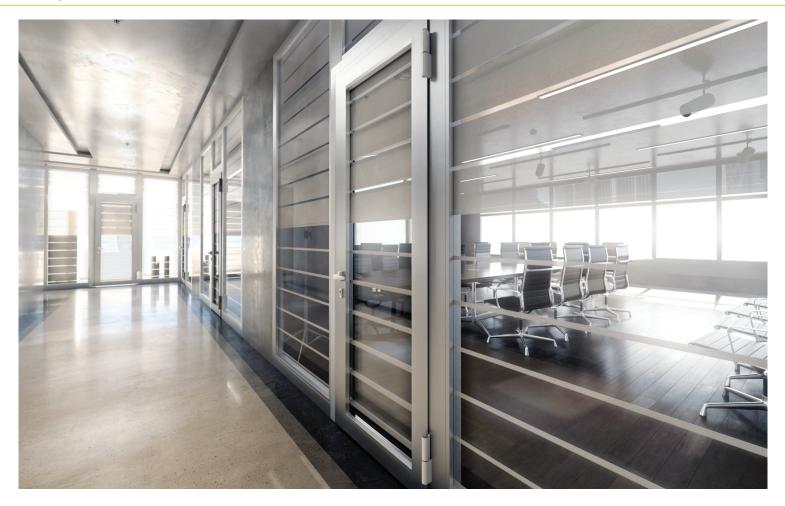


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Reklò for escape route doors: it guarantees reliability and long service life in high people traffic situations, where the hinge is subjected to severe stress



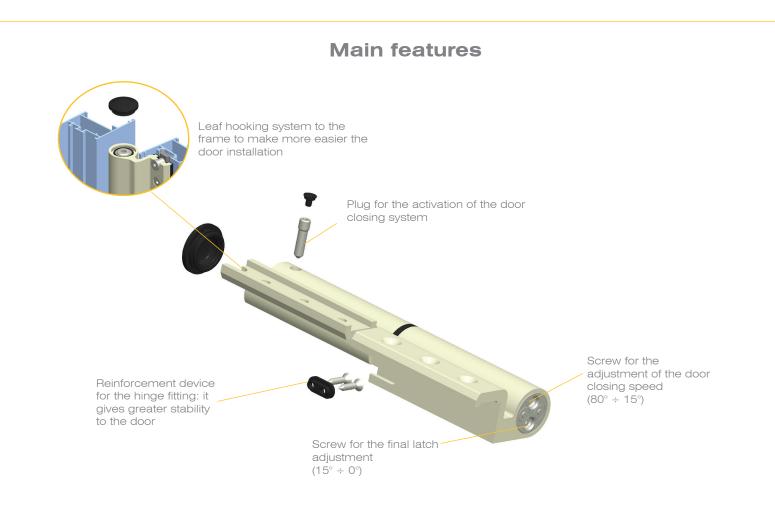
Reklò for interior doors: its attractive and non-invasive visual impact allows it to be installed in any location



Technical features 04 Leaf moving Image: State of the state of the

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		Padad Series
◆ CFB	CERTIFICATE No. B 16 12 97887 001	1
CERTIFICADO	Model(s):	Rekló Series (Mod. 1190L/28 + 1190.702; 1190L/28 + 1190L.700; 1190L/28 + 1190L.701; 1190R/28 + 1190.702; 1190R/28 + 1190R.700; 1190R/28 + 1190R.701)
•	F	Efficiency: 06,5% Range: 0°,180° Load max: 120 kg
СЕРТИФИКАТ	Tested according to:	EN 1154-2006
♦ CEP	Production s Facility(ies):	97887
律 理理题		
CERTIFICATE ◆		T
ZERTIFIKAT ◆	Page 2 of 2	- 20-02
ZERT	TÜV SÜD Product Service GmbH ·	$\label{eq:constraint} Zerrificienstelle \cdot Ridlerstraße 65 \cdot 80339 München \cdot Germany \qquad \mbox{TUV}^{\oplus}$

STANDARD EN 1154 : 2006						
1 a	2 ª	3 ^a	4 a	5 ª	6 ª	
3	8	3	0	-1	4*	
		6w	0	I	4	

w : for weight capacity up to 120 Kg

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

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

		della Prestazione	1994-CPR-CE-025	
_				
٨	llegato 1			
-	inegato 1		Con riferimenta	
al	Certificato di Costar	iza della Prestazione n		9 sesso dall'Organismo di Certificazione IRCCOS S.r.L
in	data 26/05/2017;			
La	e prestazioni ollenu boratorio Notificato	te e descritte nel doca IRCCOS S.r.I.	mento relativo alle pro-	ve Iniziali di Tipo, n. 1994-CPR-RP1546 emesso dal
			si certifica che il pro	
		"	Cerniera RE	
			immesso sul merca Savio S.p.A	
		100	Via Torino 2 50 Chiusa San Mic	15
			ITALIA	
in	conformità alla norm	u EN 1935:2002+AC	2003 ha ottenuto la seg	aente 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	fuoco e/o tenuta al fumo.
	1195/28 *	4-7-6-0-1-4-0-13	Michele (TO)	Sistema di valutazione e verifica della costanza della prestazione: 1
	odice accessori in	abbinamento: n. 119	00/702. n. 1190R/700.	n. 1190L/700, n. 1190R/701, n. 1190L/701
+ (
	presente allegato no rtificato di Costanza	n ha carattere di esai della Prestazione.	istivită e può essere rij	prodotto esclusivamente ad integrazione del relativo
		I	RCCOS S.r.I. Ricerca e Certificazior	Organismo Notificato n. 1994
			ostruzioni Sostenibili	Il Direttore Tecnico
		per le Ci	17, 21017 Samarate (VA) Olovalini Molenulo
		per le Ci via Grandi nº	17, 21017 Samarate (JVA 05159630950	Giovanni Molentreno

STANDARD EN 1935 : 2002 + AC : 2003							
1 a	2 ^a	3 a	4 a	5 ^a	6 ^a	7 a	8 a
4	7	6	0	1	4*	0	13

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

(F

Items

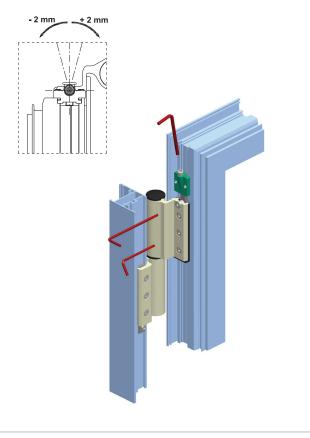
	literes	Description	Dee	Finishes
	Item 1190R/28		Pcs.	Finishes 9005, 9010, BL10, SILV,
	11904/28	REKLÓ 2-wing door closer hinge, RH pre-assembled, in coated or anodized aluminium, internal mechanism in galvanized steel, nickel, stainless steel and brass, rubber gaskets, 1 stainless steel stiffening snap, 2 white galvanized countersunk head screws 3.5x16, 1 black nylon upper cap.	4	9005, 9010, BL10, 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	

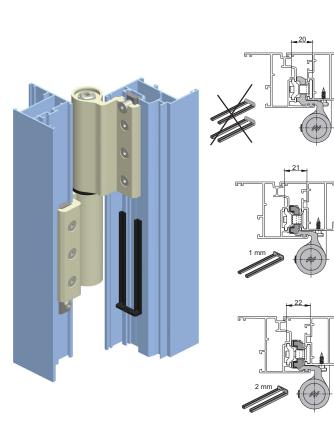
Adjustments

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.





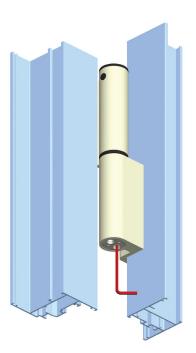
LATERAL ADJUSTMENT

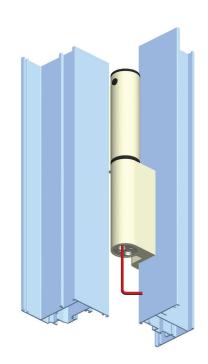
SPEED

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.

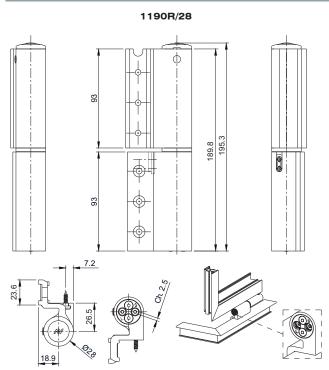
SPEED FINAL LATCH

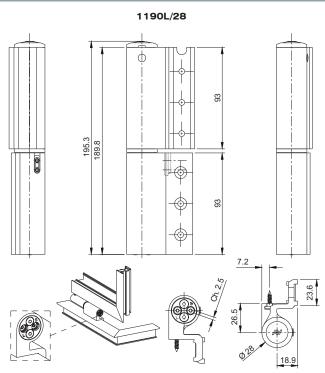
Using an Allen wrench, you can adjust the speed of the final latch by accelerating the speed in the last 15°, in order to ensure a safe closing of the lock.

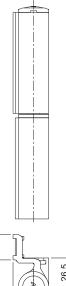


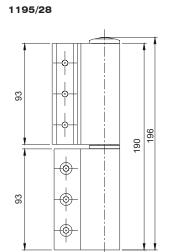


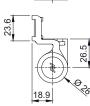
Door closer hinges REKLÒ and traditional model







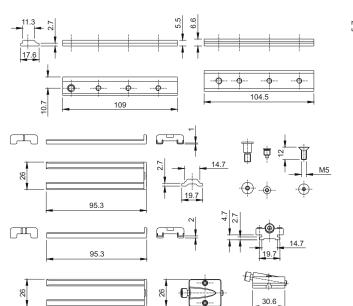




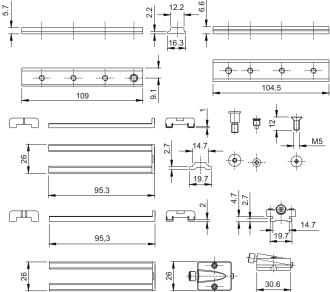
Technical drawings



1190L.700

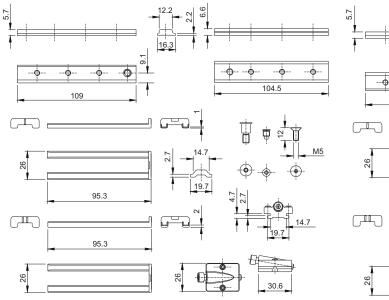


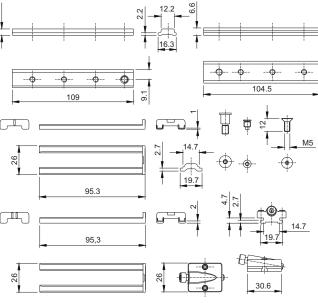
1190R.700



1190R.701





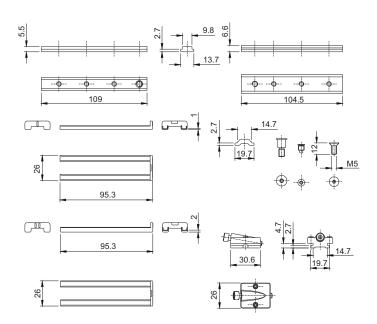


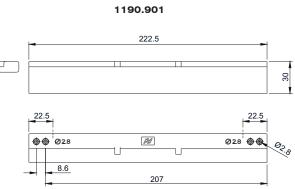
Technical drawings

Accessories

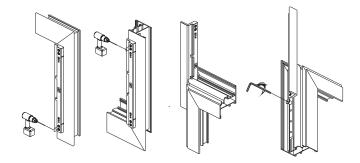
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1190.702





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