

**Justor**



VINCA

3 m

# index

**Justor**

## introduction

- pp.
- 8 who are we
- 12 solutions
- 14 common considerations

## single action

- AL
- pp.
- 32 SA 120 / 180
- SST
- pp.
- 34 SA 120 / 180
- IRON
- pp.
- 36 SA 120 / 180

## spring hinge

- AL
- pp.
- 46 MB
- 48 MP
- 50 PM
- 52 MZ
- SST / IRON
- pp.
- 54 PG washer  
120 / 180 / 240
- 56 PG bearing  
180CR / 240CR
- IRON
- pp.
- 58 PP

## double action

- AL
- pp.
- 20 DA 120 / 180
- 22 DAW 120 / 180
- 24 DA R40 180
- SST
- pp.
- 26 DA 120 / 180
- IRON
- pp.
- 28 DA 120 / 180

## ST series

- AL
- pp.
- 40 STW / STC 150
- SST
- pp.
- 42 STW 150

## data sheet

- pp.
- 62 overview
- 64 DA
- 66 SA
- 67 ST
- 68 MB / MP / PM / MZ
- 69 PG / PP



**A company formed by a team  
whose mission is to manufacture  
all Justor products with the  
highest quality and warranty**



# Objective: quality assurance, prestige and brand pride

The **Justor** spring hinges are fittings designed to ensure smooth automatic closing of all types of doors, windows, linds, covers, etc.

Designed in **aluminum, stainless steel, iron and/or plastic**, our wide range of products offers solutions for single acting doors as well as double acting doors (swing doors).

With a distinguished **spring system** consisting of a set of **blades** working by torsion, lifetime of these products can reach up til 500.000 opening and closing cycles. The strength of the spring is always adjustable and loading capacity of these products can be up to 120kg, depending on chosen product and finishing.



# Solutions for all types of doors

12

Manufacturers since 1946, our spring hinges are sold in over 70 countries. The reason for this success is that we meet the **different needs** demanded in such diverse industries as metal, wood, food, health, aeronautics, etc. and in all types of indoor and outdoor architecture projecting today.



13



**Justor**

# Common considerations for all hinges

## aluminum



silver .01



gold .02



bronze .03



white .06



black .09



F6 finishing .94



bright brass .04

All our hinges are available with  
and without spring.  
All our models can be produced  
in any RAL color as required.

## stainless steel



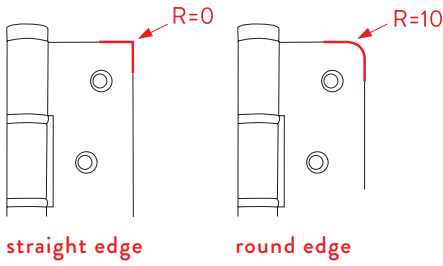
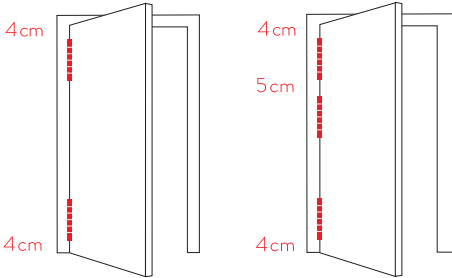
stainless steel .05

## iron

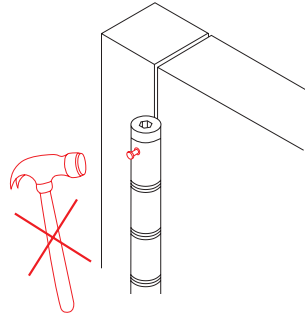
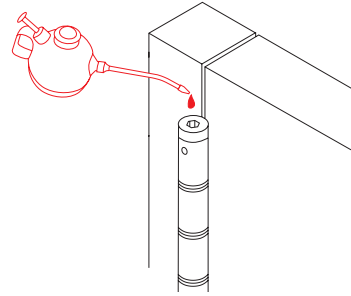


steel .08

### proper installation of 2 and 3 hinges



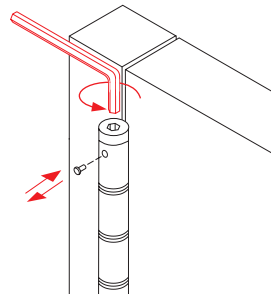
### cares



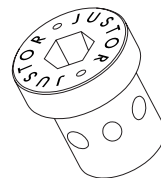
### packaging



### tension

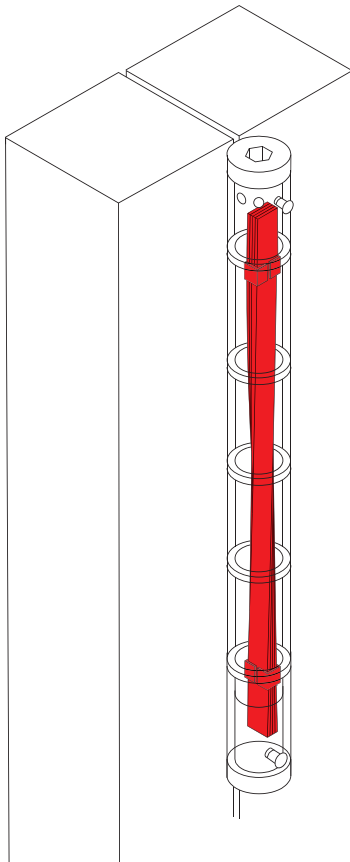


### cap



# Common considerations for all hinges

easy adjustable

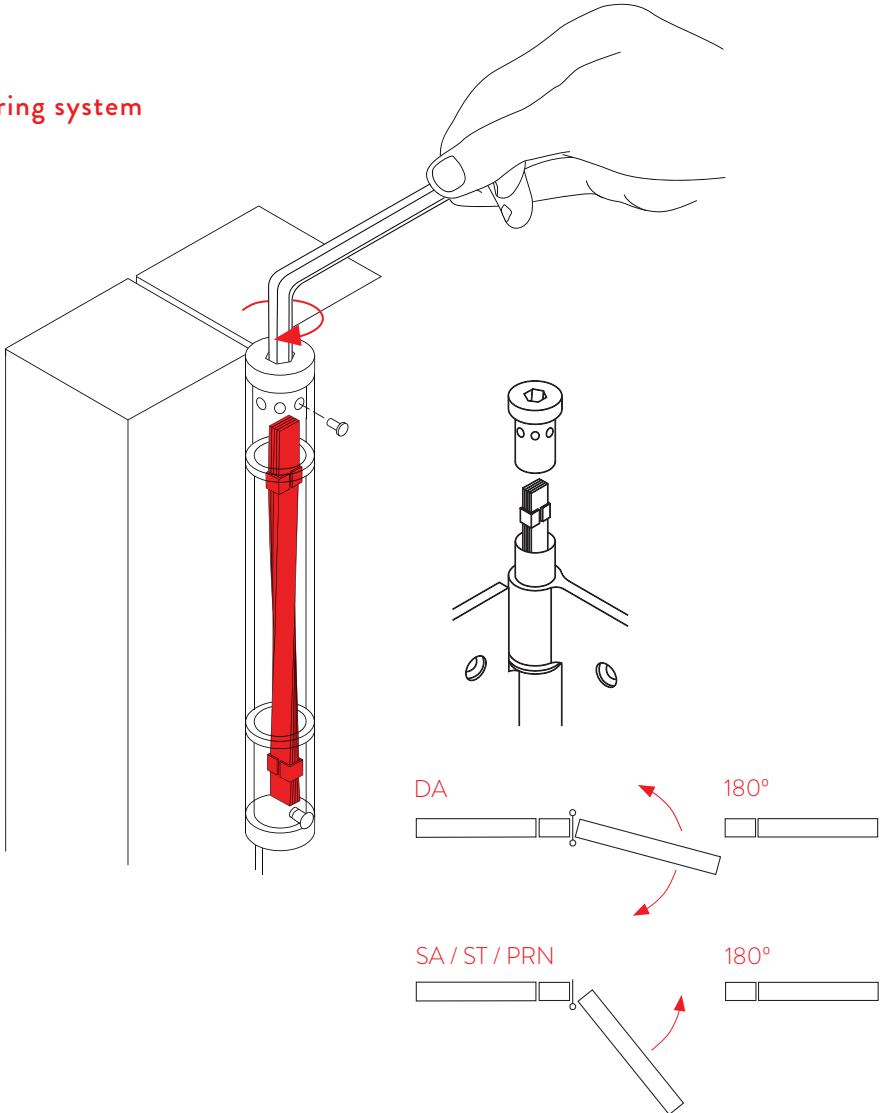


Our spring system is composed of a set of blades that works by torsion and underlies the high performance of our spring hinges.

Either iron or stainless steel, the quality of material used in its manufacturing, its high resistance to breakage and deformation and its optimum elasticity makes a big difference on the market between a **Justor** spring hinge and a spring hinge.

Until today there isn't an equal spring system used to assemble spring hinges, this is a very important fact because this element is what really determines the capacity of door weight, as well as the opening/closing cycles. Namely, the lifetime cycles of the product.

spring system



DA  
double  
action  
for swing doors

**Justor**

## AL

PP-

- 20 DA 120    The widest range  
DA 180    for the aluminum  
and wood professional.
- 22 DAW 120  
DAW 180
- 24 DA R40 180

## SST

PP-

- 26 DA 120    Prepared for the most  
DA 180    demanding situations,  
offering a high resistance  
to intensive use.

## IRON

PP-

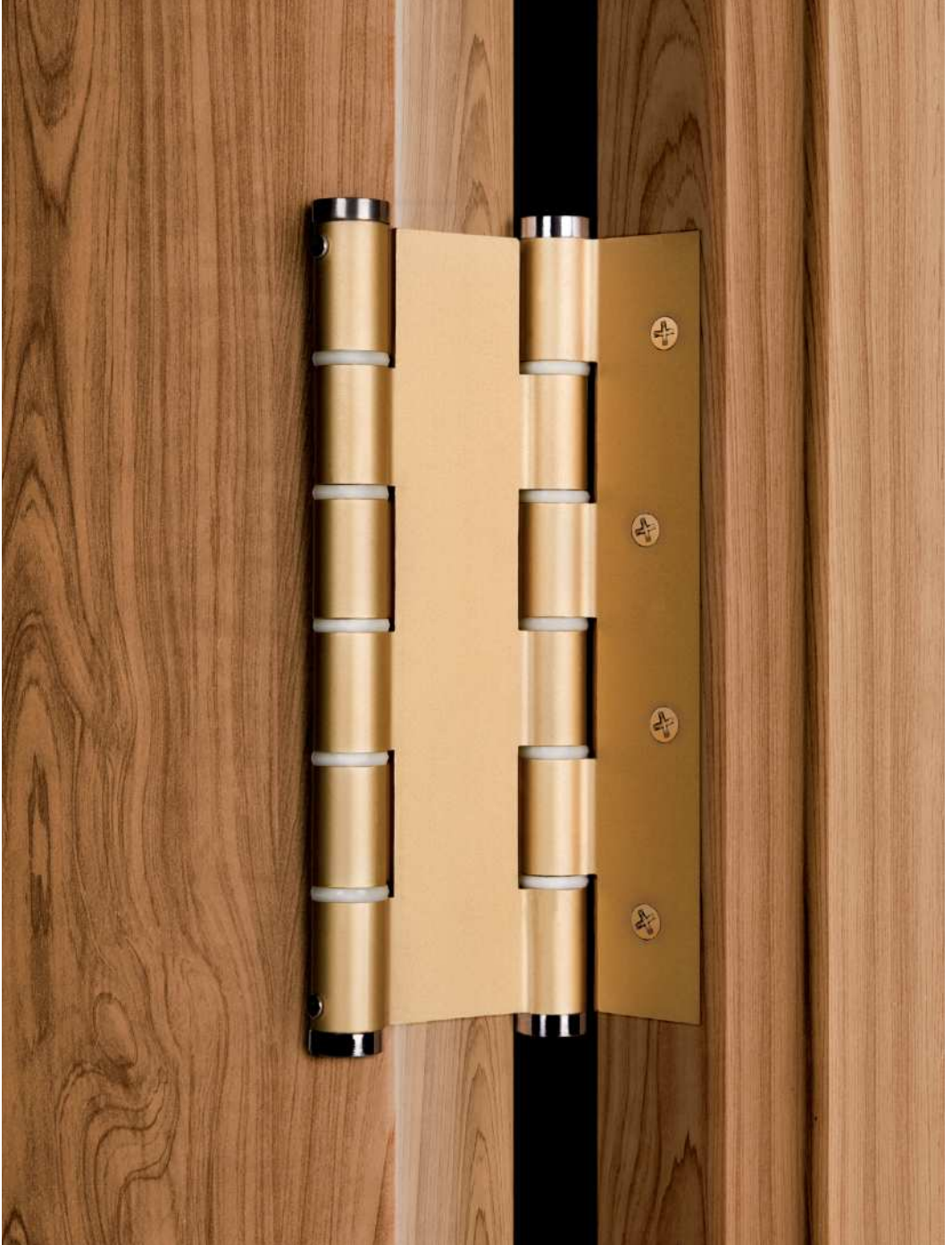
- 28 DA 120    New applications  
DA 180    for solutions  
in new markets.



aluminum

double action

DA 120  
DA 180





DA double action

## DA 120 DA 180

Hinges for swing doors, prepared for a lot of transit.  
Available in 3 different widths, 30mm, 40mm and 50mm (only DA 180), guaranteed solution to any need.



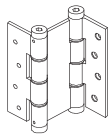
### Uses

Clinics and hospitals doors, industrial and design kitchens, interior entries to warehouses and shops in general.

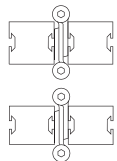
### Features

For wooden and aluminum doors. Spring resistance 500.000 opening and closing cycles. Available in silver, gold, bronze, white and black. Possibility of manufacturing in other colors. Finishing's with straight edge (90°) and round edge (R=10).

DA 120



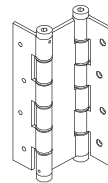
120



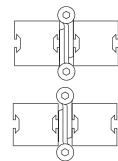
40

30

DA 180



180



50

40

30

aluminum

double action

DAW 120  
DAW 180





DA double action

## DAW 120 DAW 180

Hinge designed for direct mounting on frame or wall, without milling or rebating. **It reduces up to 50% assembly time compared to a conventional spring hinge.**



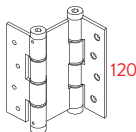
### Uses

Especially suitable in applications for woodwork in restoration and interior architecture.

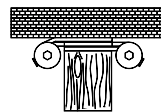
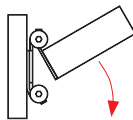
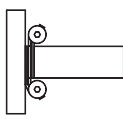
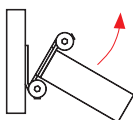
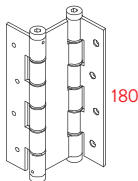
### Features

Exclusively available in anodized aluminum, finishing in various colors. High resistant polyamide washers, zamak chrome or black cap (depending on model) and galvanized steel pins. Adjustable closing power and high loading capacity. More than 500.000 lifecycles.

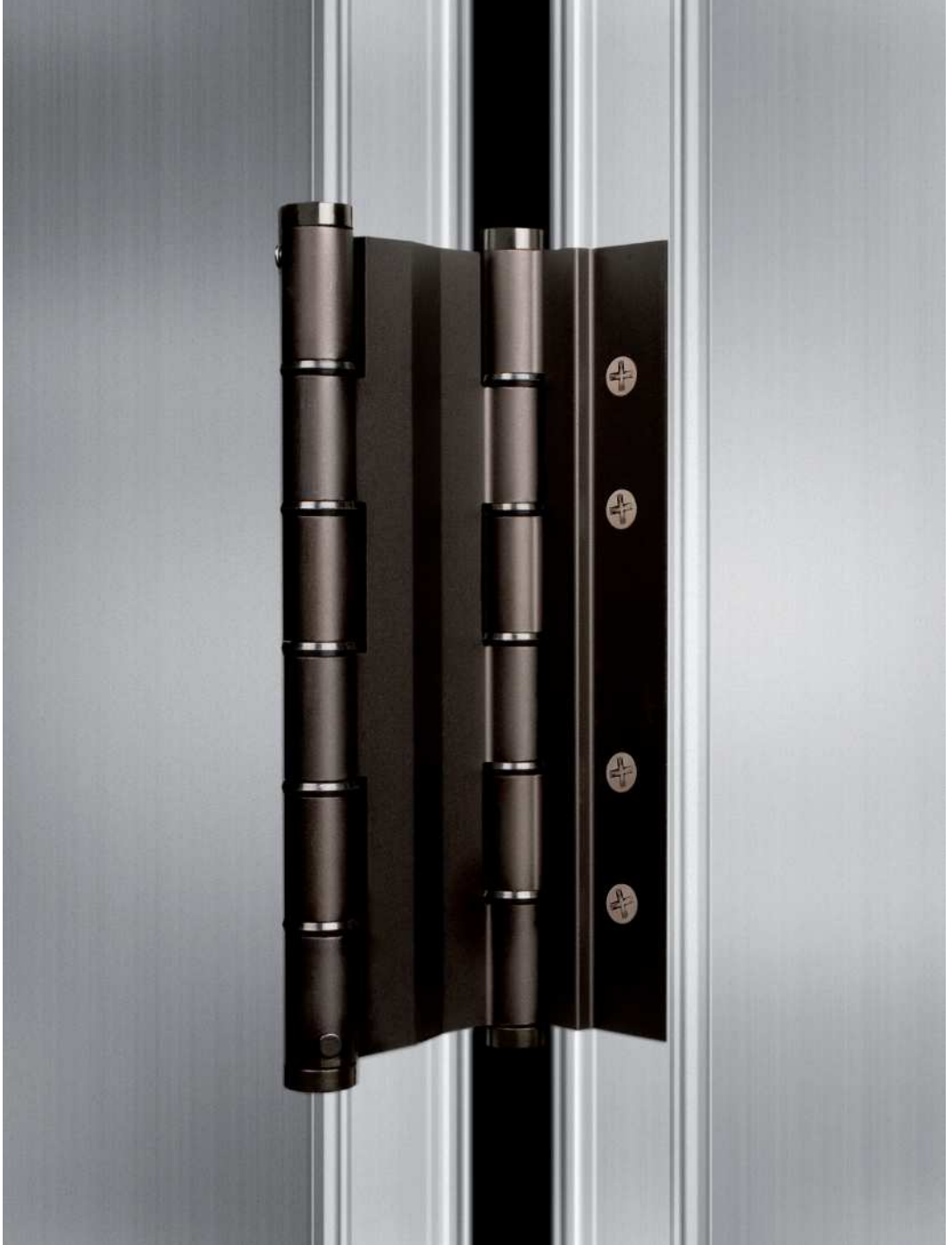
DAW 120



DAW 180



25-35

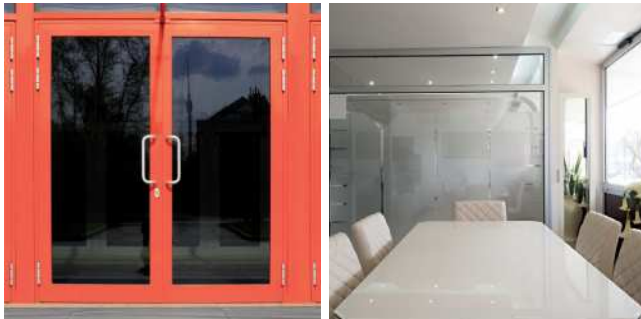


AL

DA double action

## DA R40 180

Specifically made for the aluminum market, this hinge adapts perfectly to all kinds of swing doors with R40 profile. Which is thanks to the specific design of each of its blades, for easy fit within the profile itself, achieving an almost perfect operation.



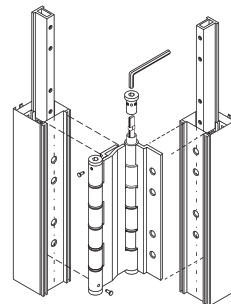
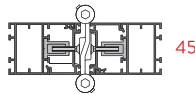
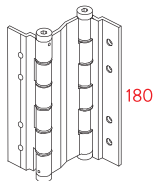
### Uses

Sports facilities, exhibition centers, pharmaceutical laboratories and spray booths.

### Features

3-points of force intensity, easily adjustable. Optimal work efficiency with 2 hinges assemblies, as well as 3 hinges installations. Load capacity up to 65 kg.

DA R40  
180



stainless  
steel

double action

DA 120  
DA 180





DA double action

## DA 120 DA 180

Prepared to work in especially harsh environments. Available in stainless steel **AISI 304** and **AISI 316** stainless steel, better known as “Marine Steel”.



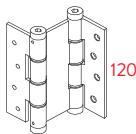
### Uses

Coastal facilities, nautical industry, saline environments, food industry and livestock sector among others.

### Features

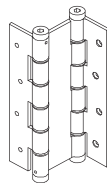
Polished stainless steel, sintered plugs and washers **AISI 316**, **AISI** pins and inner shaft. Inside leaf spring **304** stainless steel **AISI 301**, covered with corrosion protective grease, especially for marine environments.

DA  
120

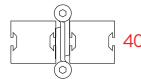


120

DA  
180



180



40









DA double action

## DA 120 DA 180

Hinge prepared for traditional installation by fixing screws, as well as for installation by welding in frame and door.



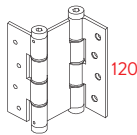
### Uses

Accesses to transport machinery, internal passages of factories and metal industry in general.

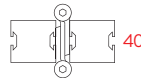
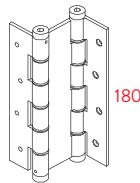
### Features

Finish in galvanized steel. Force adjustment by pin.  
Maximum performance even with minimum tension.  
Capacity up to 20kg. per hinge (see application table).

DA 120



DA 180



SA  
single  
action

**Justor**





AL

SA single action

## SA 120 SA 180

Hinge for wooden and aluminum doors. Closing strength adjustable by multipoint cap.

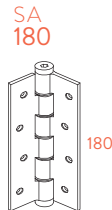
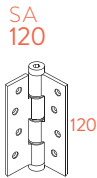


### Uses

Indicated for entries requiring immediate closing, especially when it isn't possible to install a traditional hydraulic door closer.

### Features

Made of anodized aluminum. Four fixation points on each blade. Finishing with straight edge or round edge. Can be manufactured in any RAL colors on demand.



stainless  
steel

single action

SA 120  
SA 180

34





SA single action

# SA 120 SA 180

Specially prepared for outdoor use, in damp and/or saline environment. Shaft protected with anti corrosion grease. Allows door opening to 180°.

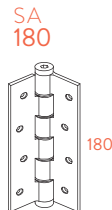
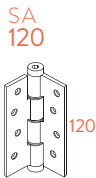


### Uses

Hotel rooms, locker rooms, accesses to boat docks, facilities in chemical and pharmaceutical industry as well as any type of marine environment.

### Features

Hinge made of stainless steel AISI 304 or stainless steel AISI 316. Polish treatment. Sintered caps and washers, always in stainless AISI 316.









SA single action

# SA 120 SA 180

It allows installation by welding providing the same performance as fixing by screws. The steel hinges provide the same work performance as the aluminum or stainless steel hinges.

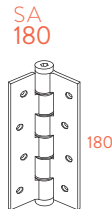
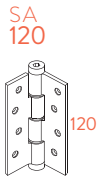


### Uses

Pedestrian accesses, private homes, boiler works, external fencing, metal constructions, forge works.

### Features

Galvanized Steel. Easy strength adjustment. High load capacity. 3mm thick blades. Minimum of 250.000 working cycles



# ST series

**Justor**





# STW 150 STC 150

Hinges with a special design, where the blade works inside the other blade, providing exceptionally thinness, no need to rebate.



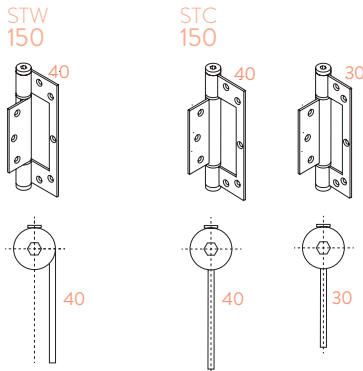
## Uses

Any type of light interior doors like offices, archives, cabinets...

## Features

In the STW version, the blades are displaced from the axis of the hinges, allowing direct installation to any surface without sub frame.

STC version has two different blade lengths, providing solutions to existing frameworks in different thicknesses.





SST

ST series

## STW 150

Hinge with the rotation axis displaced. Just 2,5mm thick. Respects the natural space between frame and door. Reduces assembly time to be able to install directly without milling frame or door.



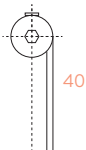
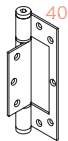
### Uses

Interior design, sports facilities, health centers and food industry.

### Features

Stainless steel AISI 304. Lower axis fixed. Washers and pins in marine AISI 316. Adjustable closing strength.

STW  
150





# spring hinge

**Justor**





AL

MB spring hinge

## spring arm MB

Easy installable product. Possibility to easily enable or disable spring function.



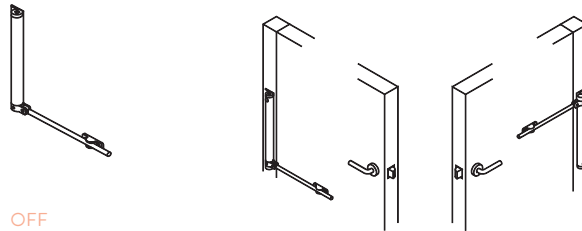
### Uses

Bathroom doors, storage rooms, stores and interior doors in general.

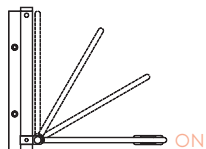
### Features

Easy adjustable spring strength. Endurance of more than 250.000 work cycles. Aluminum finishing in various colors. Special model for outdoor installation.

MB



OFF



ON



AL

MP spring hinge

## spring hinge MP

Ideal for installation as third hinge on doors, in order to close the door automatically.



### Uses

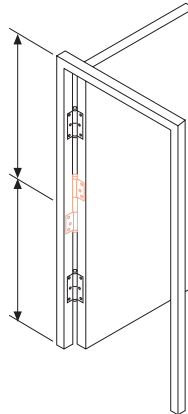
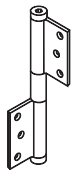
Wardrobe doors, changing rooms or offices.

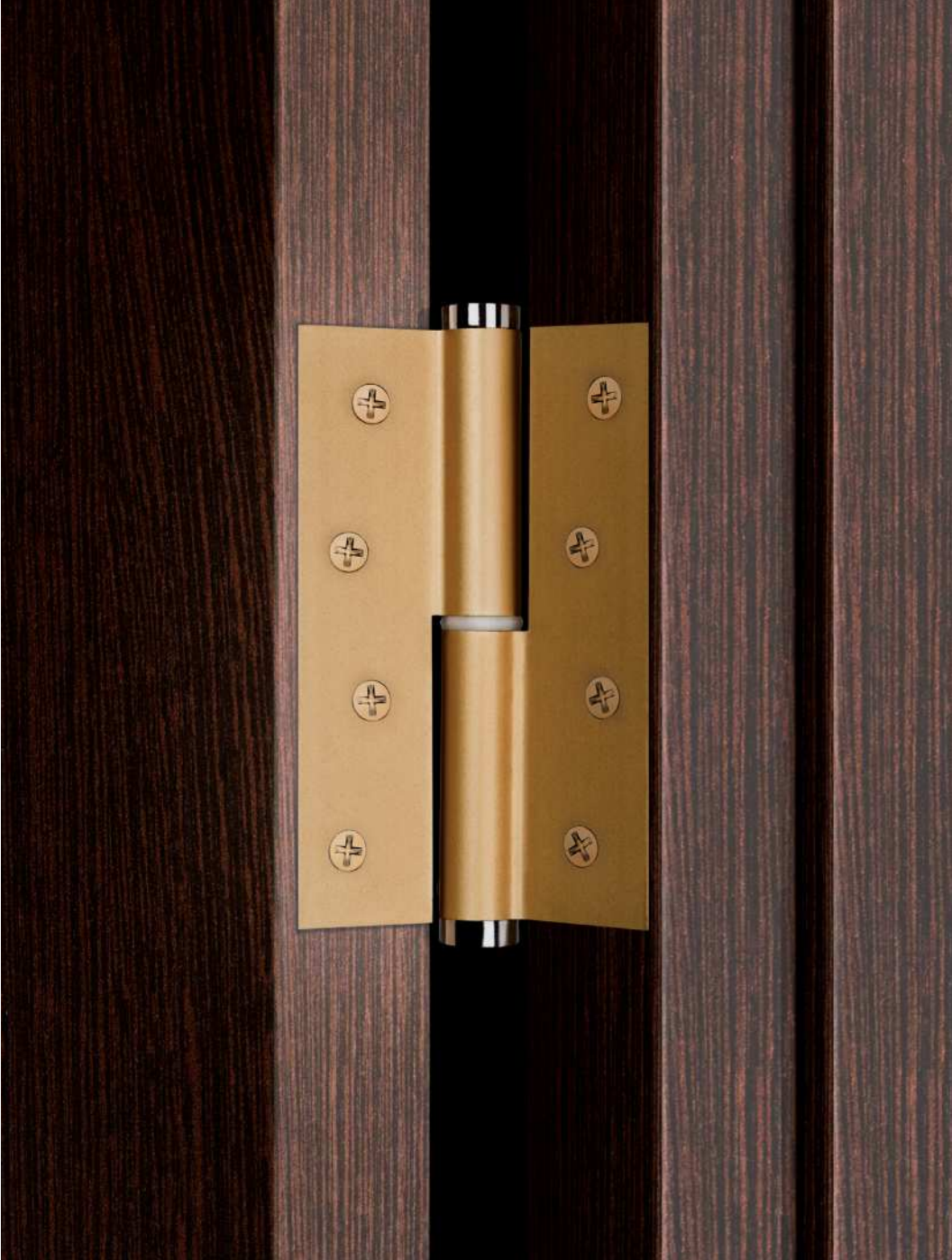
### Features

Attachment to a door with its own hinges. Pushes doors up to 40kg. More than 200.000 work cycles. Anodized aluminum finishing and presented in blister package.

To be installed in the center of a hinged door, permitting an automatic closure.

MP





AL

PM spring hinge

## spring loaded paumelle

### PM

For wooden doors. Makes installation easier, not necessary to unscrew the hinges if removing the door is necessary at any given time.



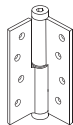
### Uses

Residences, apartments, hotels, schools and convention centers.

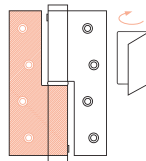
### Features

Made of aluminum, exclusively for woodwork. Length of the hinge, 120mm. For interior doors. Load capacity up to 20kg. Different hinges depending on left or right opening doors.

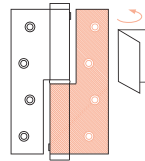
PM



right



left





aluminum  
plastic

spring hinge

MZ AL  
MZ PL



AL

PLAS

MZ spring hinge

MZ MZ  
AL PL

Screen door hinge. Ensures automatic closure of this type of auxiliary door, preventing any unwanted insects.



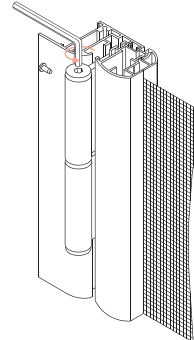
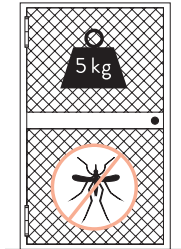
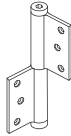
### Uses

Private homes, cottages, hostels.

### Features

Made of aluminum for wooden doors and high resistance plastic for aluminum doors. The aluminum hinge comes in different color finishes, while the plastic one comes in black color. The load capacity is up to 5kg. It comes in boxes of 20 units or blister package of 2 units.

MZ



stainless steel  
iron

spring hinge

PG 120  
PG 180  
PG 240





PG spring hinge

## Drop Hinge with washer

PG PG PG  
120 180 240

Hinges with washer and drop profile for installation on doors by welding. Made of steel or stainless steel. High resistance to deformation.



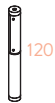
### Uses

Auxiliary doors, garage doors, pre-access doors of communities or heavy duty doors.

### Features

12mm drop profile. It comes in 120mm, 180mm and 240mm length. Supplied with washer. Capacity of a basic installation with two hinges ranging from 20kg to 60kg. The stainless steel version is AISI 304. Bolts and washer in AISI 316.

PG  
120



PG  
180



PG  
240



stainless steel  
iron

spring hinge

PG 180 CR  
PG 240 CR





PG spring hinge

## Drop Hinge with bearings

PG 180 CR      PG 240 CR

Hinges with smooth opening and closing actuation due to bearing on the central axis, instead of washer, which practically doubles its capacity.



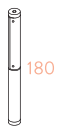
### Uses

Gates fences, furnaces, private gardens, doors of industrial forklifts, exterior architecture in stainless steel.

### Features

Made of **steel** or **stainless steel**. It comes in 180mm and 240mm length. High load capacity, for doors up to 120kg in weight. Components are manufactured in stainless steel AISI 304 and AISI 316, offering high corrosion resistance.

PG 180 CR



PG 240 CR

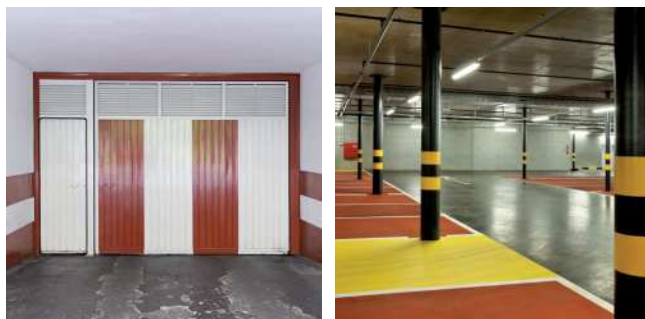




## Blade Hinge with washer

PP  
240

Hinge built with 2 steel profiles. The upper pushing the door, by working on the lower washer, which is welded to the frame.



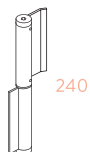
### Uses

Warehouse doors, spray cabins, livestock accesses, fencing accesses.

### Features

Pushes, but does not carry the weight of the door.  
Single length of 240mm. High resistance to deformation.  
3 positions adjustable force. Opening up to 180°.

PP  
240





# data sheet

**Justor**

PP	
62	overview
64	DA
66	SA
67	ST
68	MB / MP / PM / MZ
69	PG / PP

	HINGES FAMILIES	IRON DA/SA PG/PP	ALUMINUM DA/SA/ST MB/MP/PM/MZ
OUTSIDE	blade	steel	aluminum
	treatment	galvanized	anodized (10u-15u)
	adjustable cap	sintered carbon steel	zamac cromado
	pins	steel galvanized	steel galvanized
	washers	sintered carbon steel	polyamide
INSIDE	inner axle	stainless steel AISI 304	stainless steel AISI 304
	inner spring	carbon steel sheets set	carbon steel sheets set
	spring protection grease	synthetic lytic temp. -45°C to 125°C	synthetic lytic temp. -45°C to 125°C
PERFORMANCE	application	suitable for indoor/ outdoor installation	suitable for indoor installation
	automatic return power	yes	yes
	adjustable return power	yes	yes
	maximum door opening	180°	180°

**STAINLESS  
STEEL AISI 304**
**DA/SA/ST  
PG/PP**
**STAINLESS  
STEEL AISI 316**
**DA/SA**
**PLASTIC**
**MZ**

 stainless steel  
AISI 304

 stainless steel  
AISI 316

 polyamide 6+6  
fiberglass

polished

polished

-

 sintered  
AISI 316

 sintered  
AISI 316

 polyamide 6+6  
fiberglass

 stainless steel  
AISI 304

 stainless steel  
AISI 304

steel cataforesis

 sintered  
AISI 316

 sintered  
AISI 316

-

 stainless steel  
AISI 304

 stainless steel  
AISI 316

 polyamide 6+6  
fiberglass

 stainless steel sheets  
AISI set 301

 stainless steel sheets  
AISI set 301

 stainless steel sheets  
AISI set 301

 synthetic lytic temp.  
-45°C to 125°C

 synthetic lytic temp.  
-45°C to 125°C

 synthetic lytic temp.  
-45°C to 125°C

 suitable for indoor/  
outdoor installation

 suitable for indoor/  
outdoor installation

 suitable for indoor/  
outdoor installation

yes

yes

yes

yes

yes

yes

180°

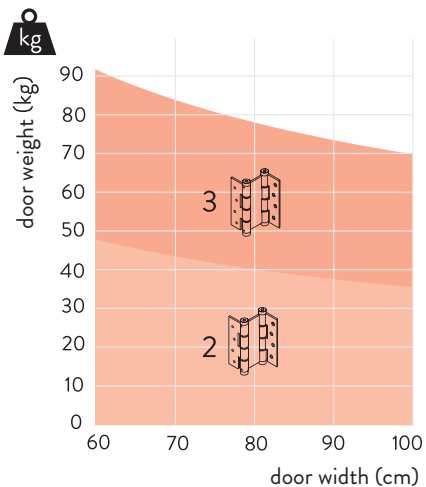
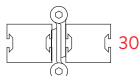
180°

180°

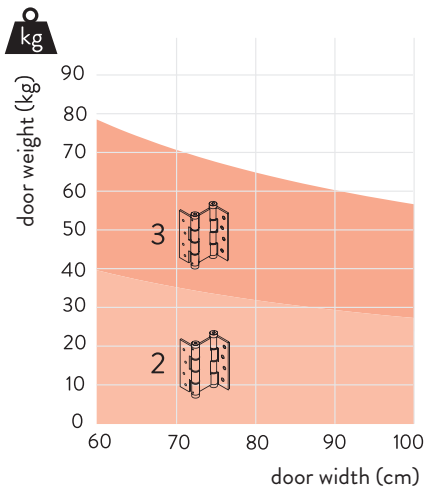
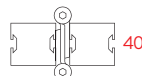
# DA double action

for swing doors

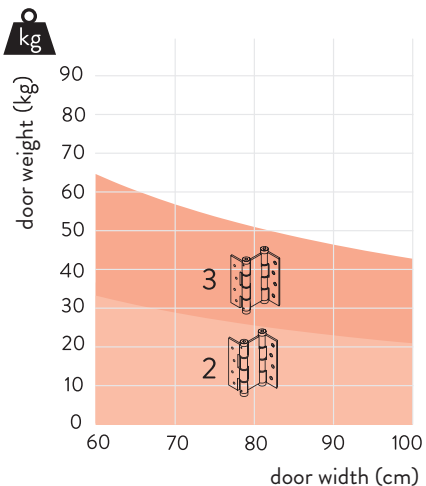
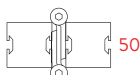
## DA E al 180



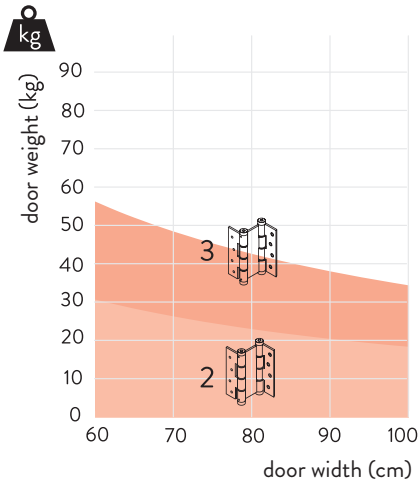
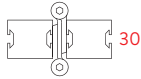
## DA al 180 DAW 180 DA stainless steel 180 DA iron 180



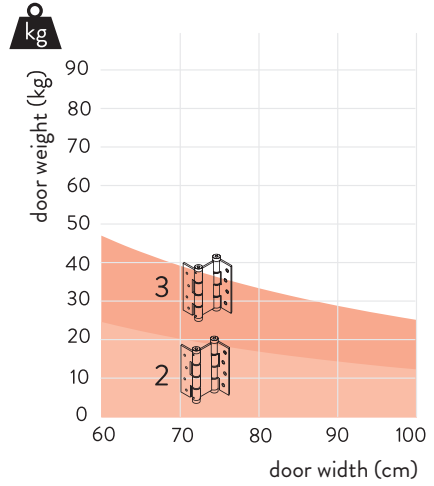
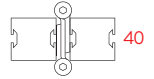
## DA R40 180 DA A al 180



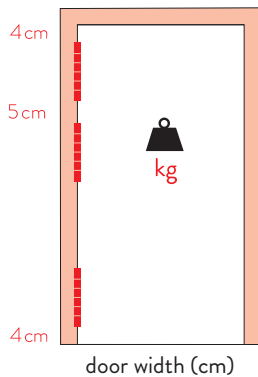
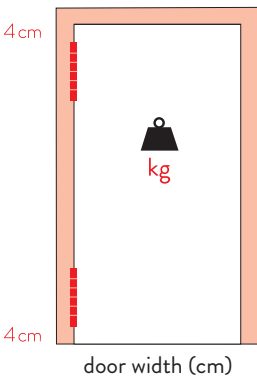
DA E al 120



DA al 120  
 DAW 120  
 DA stainless steel 120  
 DA iron 120



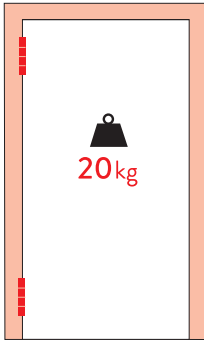
65



assembly video



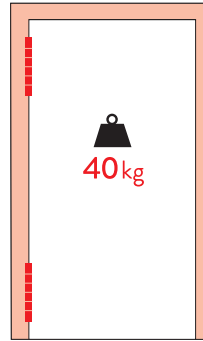
# SA single action



100cm

**SA al 120**  
**SA stainless steel 120**  
**SA iron 120**

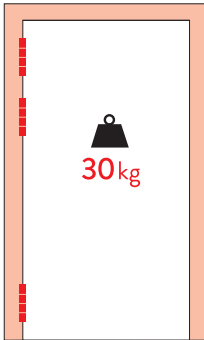
installation  
2 hinges



100cm

**SA al 180**  
**SA stainless steel 180**  
**SA iron 180**

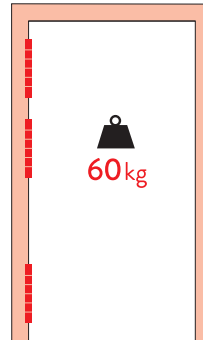
installation  
2 hinges



100cm

**SA al 120**  
**SA stainless steel 120**  
**SA iron 120**

installation  
3 hinges



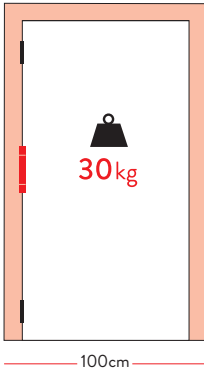
100cm

**SA al 180**  
**SA stainless steel 180**  
**SA iron 180**

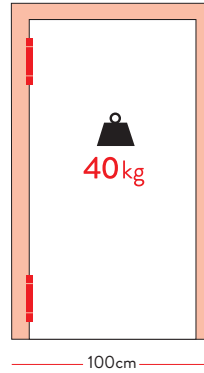
installation  
3 hinges



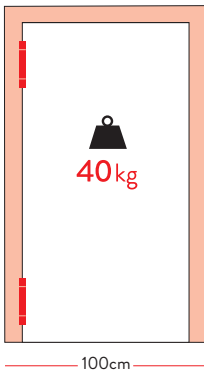
# ST series



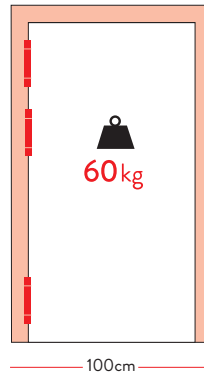
**STC al**  
installation  
1 hinge



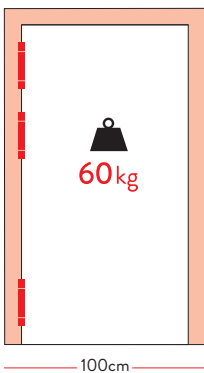
**STW al**  
**STW stainless steel**  
installation  
2 hinges



**STC al**  
installation  
2 hinges



**STW al**  
**STW stainless steel**  
installation  
3 hinges



**STC al**  
installation  
3 hinges



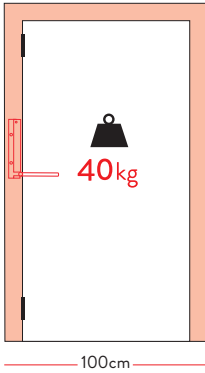
assembly video



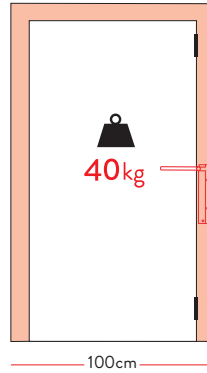


# MB/MP/PM/MZ spring hinge

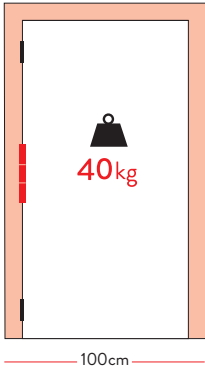
68



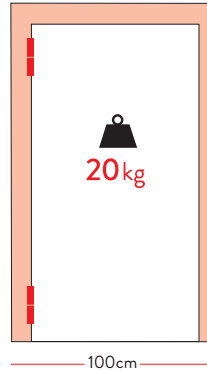
**MB al**  
installation  
1 hinge



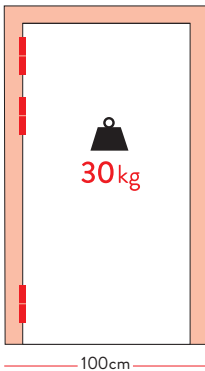
**MB al**  
installation  
1 hinge



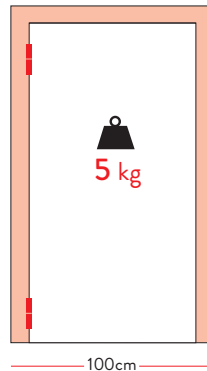
**MP al**  
installation  
1 hinge



**PM al**  
installation  
2 hinges



**PM al**  
installation  
3 hinges



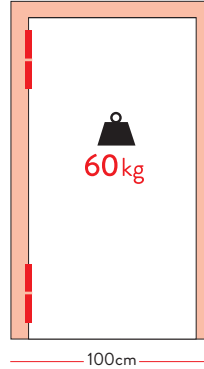
**MZ al**  
**MZ plastic**  
installation  
1 hinge



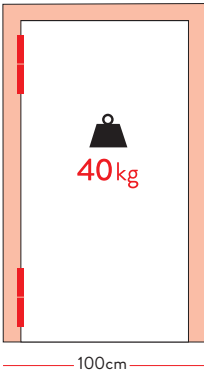
# PG/PP spring hinge



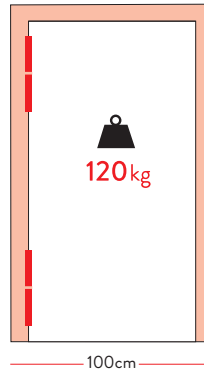
**PG 120 stainless steel**  
**PG 120 iron**  
installation  
2 hinges



**PG 180CR stainless steel**  
**PG 180CR iron**  
installation  
2 hinges

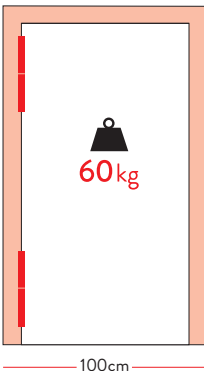
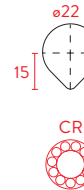


**PG 180 stainless steel**  
**PG 180 iron**  
installation  
2 hinges

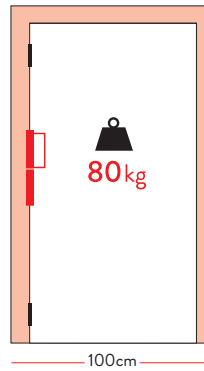


**PG 240CR stainless steel**  
**PG 240CR iron**

installation  
2 hinges



**PG 240 stainless steel**  
**PG 240 iron**  
installation  
2 hinges



**PP 240 iron**  
installation  
1 hinge

