

BIDA180 Double Action Spring Hinge Functional Data

Aluminium, Zinc-Plated, 304 & 316 Stainless Steel

No need for unsightly door closers, the BIDA180 Double Action Spring Hinge is sleek, stylish and simple. Made in Spain by Justor, the BIDA180 is highly functional and adjustable, ideal for all doors that weigh up to 90kg (refer to weight graph).

The BIDA180 is a functional and adjustable double action spring hinge solution, designed to bring a door that swings in both directions back to the centre position, such as kitchen restaurant doors. Made out of Aluminium, Zinc, or AISI 304 or 316 Stainless Steel, the BIDA180 Double Action Spring Hinge is ideal for internal or external applications, wherever a dual swing door needs to return to a centre position without assistance.

The BIDA180 has three (3) tension settings in each direction, and adjustments can be made without having to take the door down. Made to exacting European standards in Spain, the BIDA180 is a maintenance free solution – no continuous greasing or adjustments required, just 1 drop of oil in the top caps once a year. The BIDA180 spring hinge comes with a 2 year manufacturer's guarantee and is available in a range of base materials and finishes. Effortlessly functional, it is a cost effective alternative to traditional double action closers and pivot systems, making the Justor BIDA180 hard to overlook.



316 Marine Grade Stainless Steel is ideal for Sea Air Environments

BIDA180 Quick Facts:

- Spring resistance 500,000 cycles
- Resistant to extreme climatic conditions (cold and humidity)
- Maximum resistance to bending
- Torsion spring
- Up to 90kg in door weight per door
- Variable door movement strength
- 90° or 180° working aperture
- For timber, aluminium or steel doors
- Ideal for restaurants and kitchens
- Manufactured in Spain
- 2 year manufacturer's guarantee

Order codes:

Base material: Aluminium

- | | | |
|--------------|----------------------|-----------------------|
| ▪ BIDA180AAS | - Anodized Silver | (max 50mm thick door) |
| ▪ BIDA180AS | - Anodized Silver | (max 40mm thick door) |
| ▪ BIDA180BLK | - Anodized Black | (max 40mm thick door) |
| ▪ BIDA180WHT | - Aluminium PC White | (max 40mm thick door) |
| ▪ BIDA180AB | - Anodized Bronze | (max 40mm thick door) |
| ▪ BIDA180AG | - Anodized Gold | (max 40mm thick door) |
| ▪ BIDA180EAS | - Anodized Silver | (max 30mm thick door) |
| ▪ BIDA180EAB | - Anodized Bronze | (max 30mm thick door) |
| ▪ BIDA180EAG | - Anodized Gold | (max 30mm thick door) |

Where the BIDA180 is being used:

- | | |
|----------------------------|-----------------------|
| ▪ Residential environments | ▪ Industrial Estates |
| ▪ Apartments buildings | ▪ Hospitals |
| ▪ Hotels | ▪ Restaurant kitchens |
| ▪ Commercial environments | ▪ Boats & trains |

Base material: Stainless Steel and Zinc-Plated

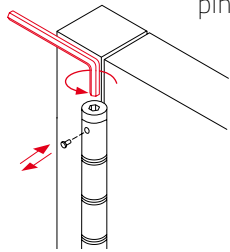
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|-------------|-----------------------|-----------------------|
| ▪ BIDA180SS | - 304 Grade SS | (max 40mm thick door) |
| ▪ BIDA180S3 | - 316 Marine Grade SS | (max 40mm thick door) |
| ▪ BIDA180ZP | - Zinc-Plated | (max 40mm thick door) |

BIDA180 Double Action Spring Hinge Technical Data

Aluminium, Zinc-Plated, 304 & 316 Stainless Steel

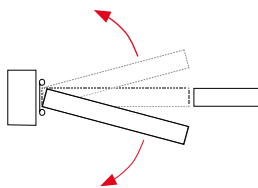
Adjustment of the BIDA180:

Multiple adjustment points for increasing or decreasing the spring's tension.
To adjust simply pull out the pin, turn the top cap with an Allen key and replace the pin. No need to remove the door.



3-points
adjusting cap

Double Action Movement



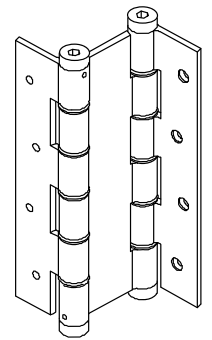
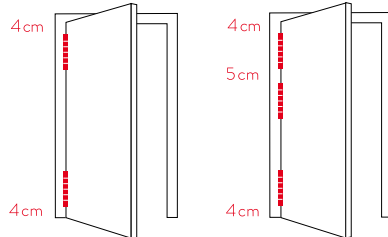
Installation of the BIDA180:

Easy 2 step installation process:

Step 1: cut rebate into door, insert Allen key into the top cap of the hinge and turn to remove the pin. Turn to release tension, then reinsert the pin.

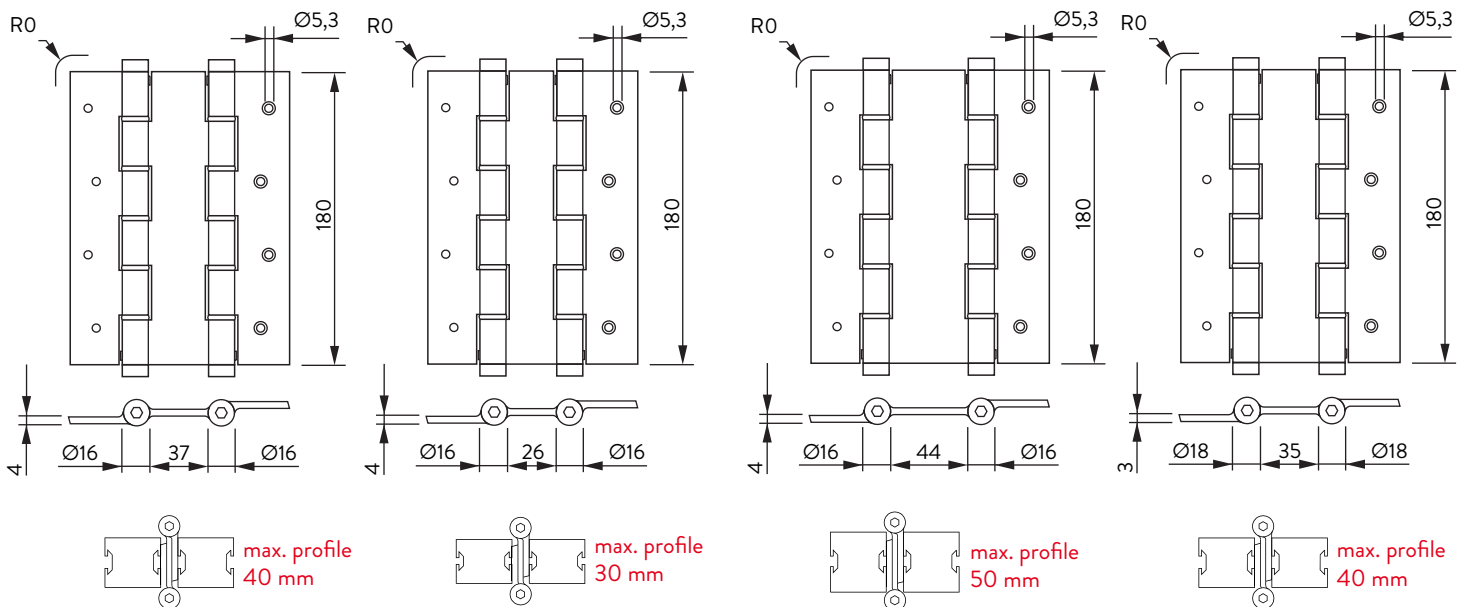
Step 2: screw hinge to door & wall jamb, re-adjust tension. Easy - you're done!

Proper installation of 2 and 3 hinges



180

Dimension Information:



Number of hinges required per door:

