

## Ball Bearing Hinges

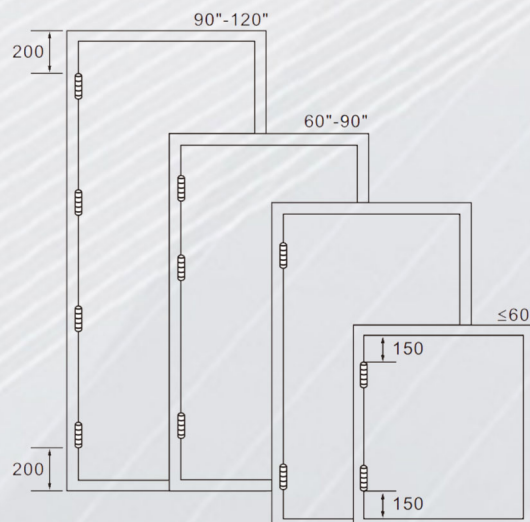


## Hinge Technical Considerations

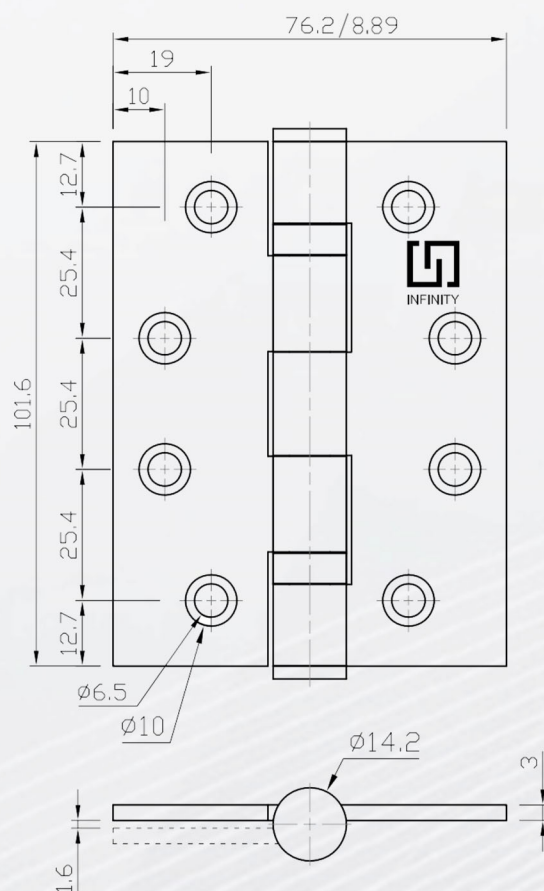
- Door weight
- Door size
- Location
- Intended use

The appropriate specification and correct selection of hinges is crucial to their performance and depends on the following factors:

1. Is it a fire, smoke or emergency escape door?
2. How heavy is the door and what are the door dimension (height, width and thickness)?
3. What is the door's construction and are there any unusual features that could affect the hinges?
4. Where is the door situated e.g internal or external; is it near the coast or in a swimming pool?
5. What level of use/abuse will the door be subject to e.g office, hospital or school corridor?
6. What other items of hardware are to be fitted, that may be affect the hinge performance, typically door closer or door stops? E.g fit with door closer, will increase loading weight.
7. Any other unusual features involved e.g. door has radius top or the door is a bifold. H



## 2BB Hinge



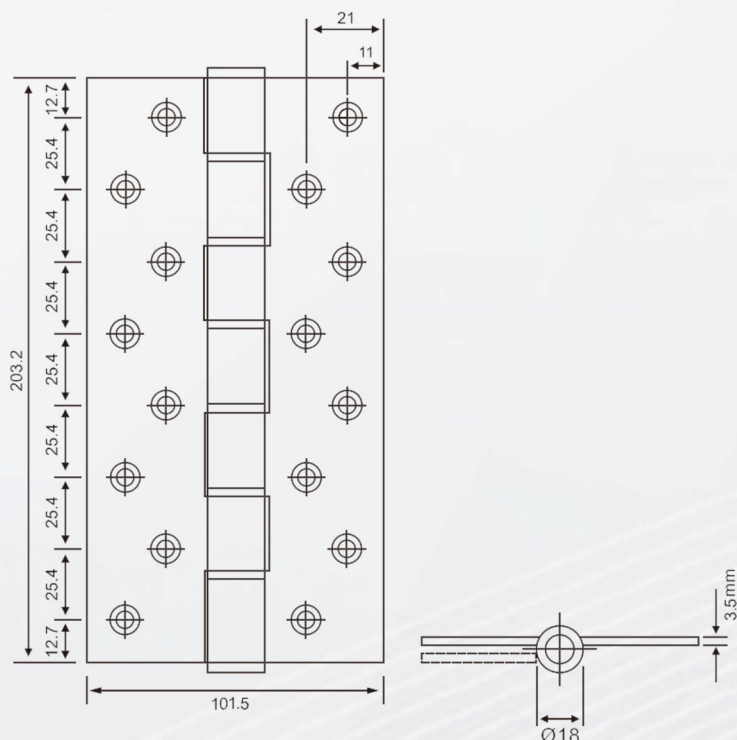
Size in inch ( Height x Width )	4"x3"	4"x3.5"
Thickness in mm	3	3
Non - handed	•	•
5 Knuckles	•	•
Ball Bearing ( 2BB )	•	•
Finishes	SSS, PSS, AB, SB, PB, MB	

Art.No	Height (inch)	Width (inch)	Thickness (mm)
IH-4x3x3	4	3	3
IH-4x3.5x3	4	3.5	3

## Features

- Double ball bearing, five knuckle hinge
- Conforms to BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 120kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cut intumescent hinge pads available

## Heavy Duty Hinge



Art.No	Height (inch)	Width (inch)	Thickness (mm)
IH-6x4x3	6	4	3
IH-4x3.5x3	8	4	3.5

Size in inch ( Height x Width )	6"x4"	8"x3.5"
Thickness in mm	3	3.5
Non - handed	•	•
Knuckles	5	7
Ball Bearing	4BB	6BB
Finishes	SSS, PSS, AB, SB, PB, MB	

### Features

- Heavy Duty Ball Bearing Hinge
- Supplied with SS Screws
- Available square
- Finished with softened edges