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**Ball Bearing Fire Rated Door Hinges - Grade 11 - CE / UKCA Marked - 80kg Weight Limit - 102mm x 76mm - Black Nickel**

**Product Images**

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## Description

- Grade 11, fire rated ball bearing hinges -102mm x 76mm (4" x 3").
- Black nickel finish,
- One hour fire rated hinges suitable for use on internal timber doors
- Tested and passed to the British / European standard BS EN 1935 suitable for use on fire doors up to 80kg in weight
- Ball bearings located in the knuckle of hinge provide a smooth action, excellent strength and wear-ability.

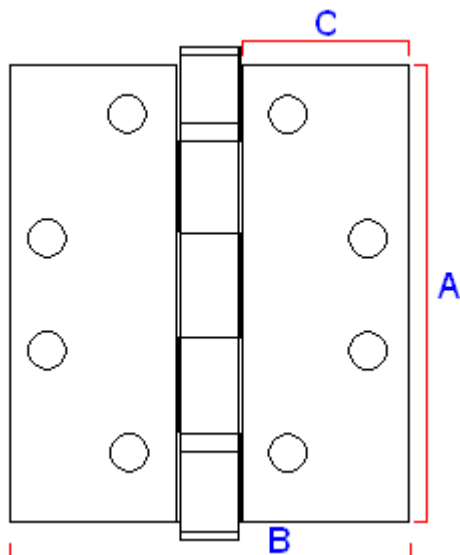
## Base Material

- Steel

## Finish

- Black nickel

## Dimensions



	43473.1	Dimension On Diagram
Height (H)	102mm	A
Width (W)	76mm	B
Leaf Width	30mm	C
Knuckle Diameter	16mm	D
Thickness	3mm	N/A

## Standards This Product Conforms To

- Tested and passed to BS EN 1935\* the British / European standard requirements and testing methods covering single axis hinges. Classification number - **3-7-4-1-1-4-0-11**
- **\*To meet this standard intumescent liners should be fitted behind each leaf of the hinge.**
- Tested and passed to BS EN 1634 the British / European standard for determining the fire resistance of door and shutter assemblies including hardware. These hinges have been assessed for use on 30 minute and 1 hour timber fire doors FD30 / FD60.

- CE Marked / UKCA Marked

## Classification Details

- Durability grade 7 - tested to 200,000 opening & closing cycles
- Test door mass grade 4 - suitable for use on doors up to 80kg in weight
- Corrosion resistance grade 4 - high resistance to corrosion in accordance to EN 1670
- Overall hinge grade 11

## Useage

- Suitable for use 44mm and 54mm thick wooden doors
- To pass fire regulations three hinges must be fitted per door (pair and a half).

## Unit Of Sale

- Sold and priced in **pairs (2 hinges)** and come supplied with fixing screws.

### Products in this set

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