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**Concealed Nylon Bearing Grade 14 Hinges - Self Lubricating - CE Marked / UKCA Marked - Fired  
Rated - Certifire Approved - 160kg Weight Limit - 102mm x 76mm - Matt Black**

**Product Images**

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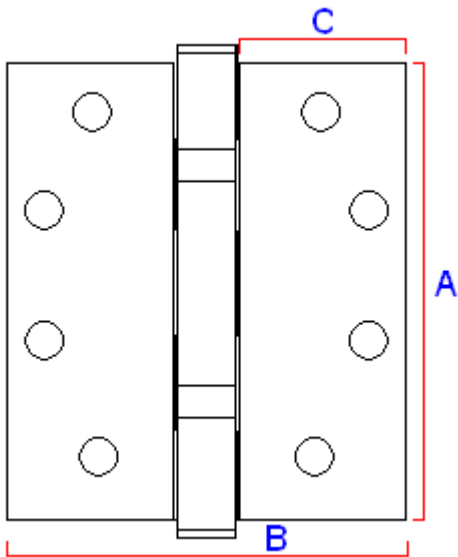
**Description**

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- Grade 14 concealed polymer bearing self-lubricating hinges.
- Fire rated, CE Marked / UKCA Marked and Certifire approved.
- These Hi-Load hinges have been designed and tested for high use, heavy commercial grade doors
- Designed to "Fit and Forget" these hinges have excellent wear-ability with self-lubricating polymer bearings.

- Tested and passed to British standard EN.1935 2002 overall grade 14.
- Tested to grade 7 door mass suitable for doors up to 160kg in weight.
- The bearing avoid metal to metal movement by using polymer bushes in the knuckle, impregnated with a specially formulated lubricant, This construction eliminates the wear and regular maintenance required by other types of hinge.

## Dimensions



Dimension On Diagram

Height (H)	102mm	A
Width (W)	76mm	B
Leaf Width	30mm	C
Thickness	3mm	N/A

## Base Material

- Stainless steel

## Finish

- Matt Black

## 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 - **4-7-7-1-1-4-0-14**.
- **\*To meet this standard 2mm thick 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
- Certifire approved

## Classification Details

- Durability grade 7 - tested to 200,000 opening & closing cycles
- Test door mass grade 7 - suitable for use on doors up to 140kg in weight
- Corrosion resistance grade 4 - high resistance to corrosion in accordance to EN 1670
- Overall hinge grade 14

## Usage

- 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)** supplied with fixing screws.

### Products in this set

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49858.1 - Concealed Nylon Bearing Grade 14 Hinges - Self Lubricating - CE Marked / UKCA Marked - Fired Rated - Certifire Approved - 160kg Weight Limit - 102mm x 76mm - Matt Black - Pair