

SOLO Single Action Door System



Product datasheet

The SOLO door system is for single action doors in mental health environments.



The SOLO single action door system has been created to provide a robust solution for all door openings that have a single direction of opening, with a wide range of vision panel, hardware and locking options the SOLO door system can be specified to the exact requirements of the project

Technical Specs

Door Thickness:

1-3/4"

Door Action:

Single action door (out or in-swinging)

Hardware Required:

KG202, KG200 or KG210 continuous hinge

Maximum Opening Dimensions:

48" (W) x 84" (H)

Core Structure:

Solid core PC standard - other options available on request

Vision Panel Options:

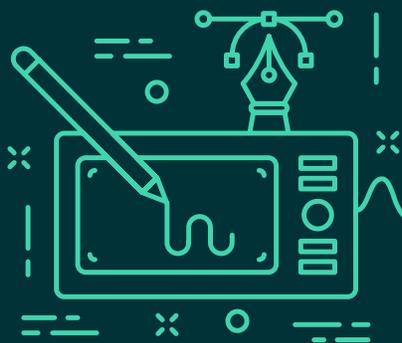
Duralux or Pyrolux ranges

Rating:

Smoke rated

Door Close Options:

KG45 Double-Acting Transom Closer



Product datasheet

Kingsway
Group

KG202 Swing Hinge



Anti-ligature Disclaimer

Anti-ligature Disclaimer The anti-ligature design characteristics of this product are not intended to replace or substitute the need for necessary supervision of those who may be at risk, or for other necessary protective measures to be taken in the specific circumstances of usage. Kingsway Group, Inc. does not offer any products for sale as being 'ligature-free' and will not be liable for any claims arising from ligature attachment on its products. It is the customer's responsibility to ensure that products purchased and installed are suitable for the environments they are installed in.

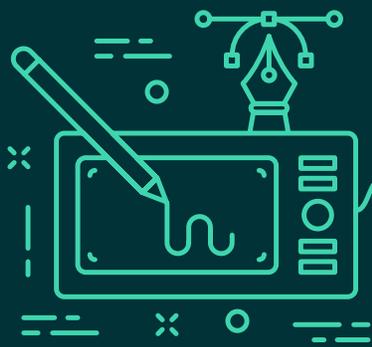
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The Swing Hinge is a unique double action hinge that allows doors to swing 105 ° in both directions. This can be used either for double action doors such as corridor doors or can be used with a Swing Stop anti barricade device for doors in high risk areas.

Installation Description

- Turn the door on its side and screw the hinge to the door making sure the hinge is fitting tightly to the door edge. Fit the hinge so that hinge is flush with the top of the door (the cap will protrude beyond this and give you the required gap at the head of the door in the frame)
- Once the hinge is located move the door up in the frame so that the hinge cap is touching the frame head and the hinge in to the frame. This should be done by putting in screws on alternate sides of the door so that the hinges stays vertical.

This product is subject to a pending U.S. patent application.



KG202 Swing Hinge



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The Swing Hinge is a unique double action hinge that allows doors to swing 105 ° in both directions. This can be used either for double action doors such as corridor doors or can be used with a Swing Stop anti barricade device for doors in high risk areas.

Operation and Maintenance

Operation

The Swing Hinge allows doors to operate in both directions up to 105°. It is a continuous hinge that secures to the whole length of the door and provides additional finger safe features.

Maintenance

The Swing Hinge has been designed to be largely maintenance free by using self lubricating materials and materials that are resistant to corrosion and wear. Do not use lubricants on the hinge if the action has become stiff as this can affect the performance and usability of the product; contact Customer Services if in doubt. Periodic checks should be made to the screws to ensure that these remain tight and that they have not been tampered with.

Cleaning

Cleaning of the Swing Hinge should be made only with a damp cloth. All cleaning agents should be avoided

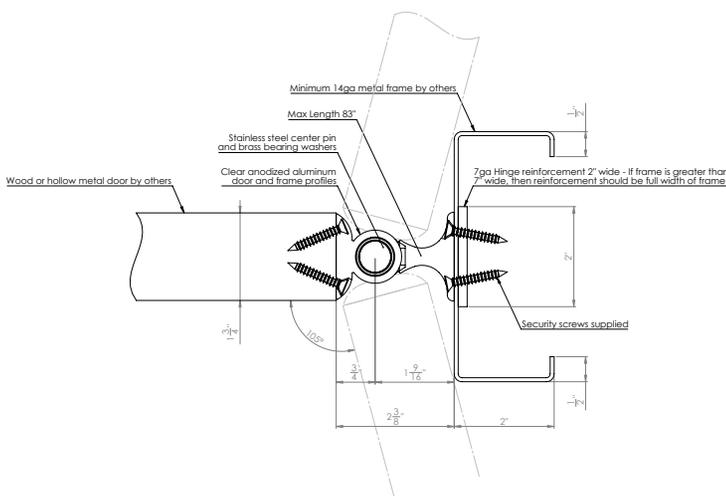
Guarantee

5 Year Guarantee*

*For faulty manufacture and not for damage

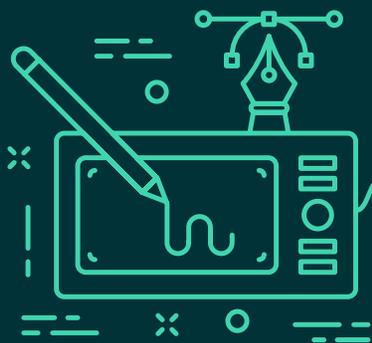
Specification

KG202 Swing Hinge continuous double action hinge

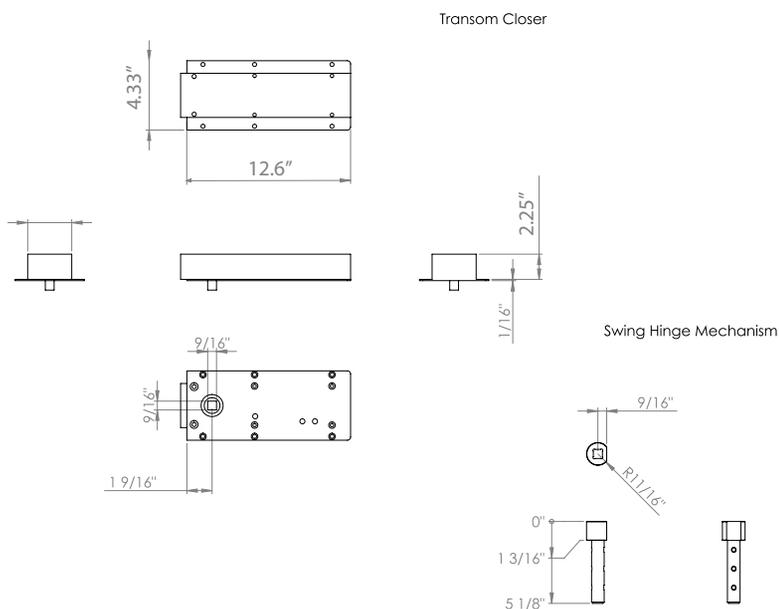


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KG45 Double Action Transom Closer



Transom Closer

Swing Hinge Mechanism

Page 1 of 2

The double action transom closer is used in conjunction with the swing hinge and drive strap to allow doors to operate in both directions and automatically return them to the closed position. It is held securely in place by 6 fixings through the stainless steel cover plate providing a safe and secure means of controlling double action doors.

Installation Description

- Mark out the area to be removed using the template provided and carefully remove the timber with the necessary tools.
- Fix the closer in place using the security screws provided (these will need pilot holes to ensure a good result).
- The closer is now ready to be engaged in to the drive strap of the door. Once the door is in position and controlled by the closer the power and the latching action can be adjusted using the two screws in the front plate of the closer.

Operation and Maintenance

See page 2

Guarantee

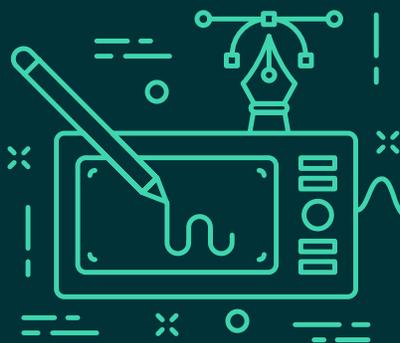
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KG45 Double Action Transom Closer

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KG45 Double Action Transom Closer

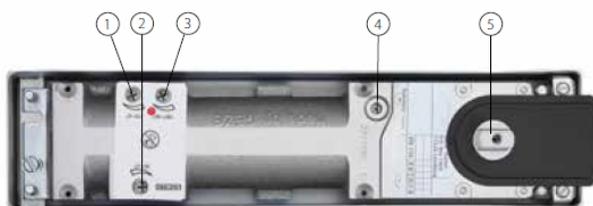
Operation and Maintenance

Operation

The transom closer has been designed to allow doors to be opened to 90° in both directions. The closing force and the latching action can both be adjusted depending on the type of door it is and whether there are air pressure issues that need to be overcome, i.e. a small room without any ventilation will need more latching force to close the door due to the air pressure.

Maintenance

Periodic checks should be made to the closer to ensure the closing and latching action is correct for the door type. Checks should also be made for signs of tampering and damage. Cleaning of the closer should be done only with a damp cloth and mild detergent where necessary. Excess use of liquid will affect the action of the closer and make void the guarantee.



- 1 = Latching action adjustment
- 2 = Closing speed adjustment
- 3 = Setting hold-open device / delayed closing action
- 4 = Closing force adjustment
- 5 = Spur-cut spindle

Guarantee

5 Year Guarantee*

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Specification

KG45 Double Action Transom Closer

Single action door	Yes
Double action door	Yes
Door weight (up to)	600 Lbs
Leaf width (up to)	48"
Power size	3-6
Adjustable closing speed	Yes
Closing range from	170 Deg.
Adjustable closing force	Yes
Adjustable latching action	Yes
Hold open mechanism	Yes
Hold open on/off	Yes

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