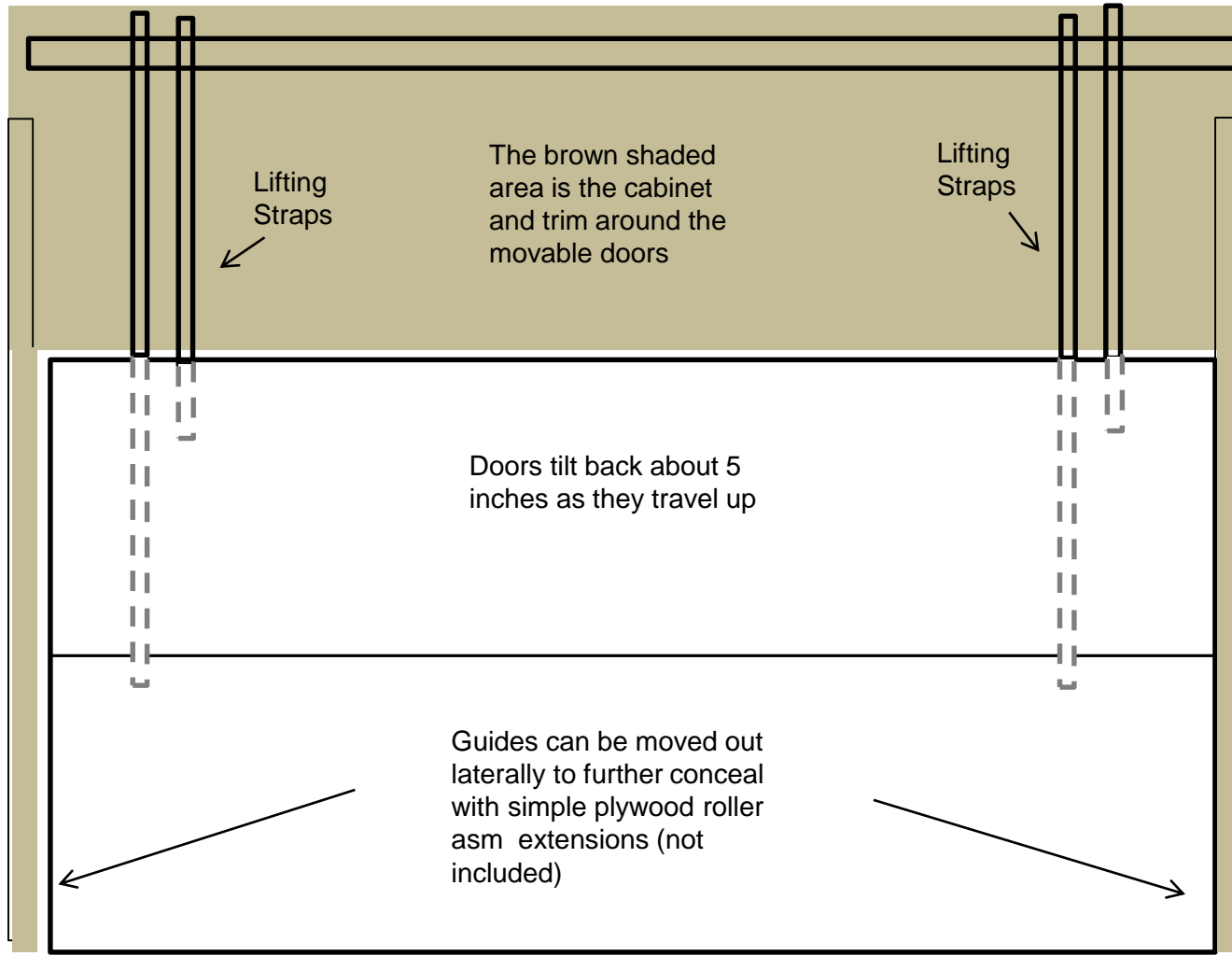




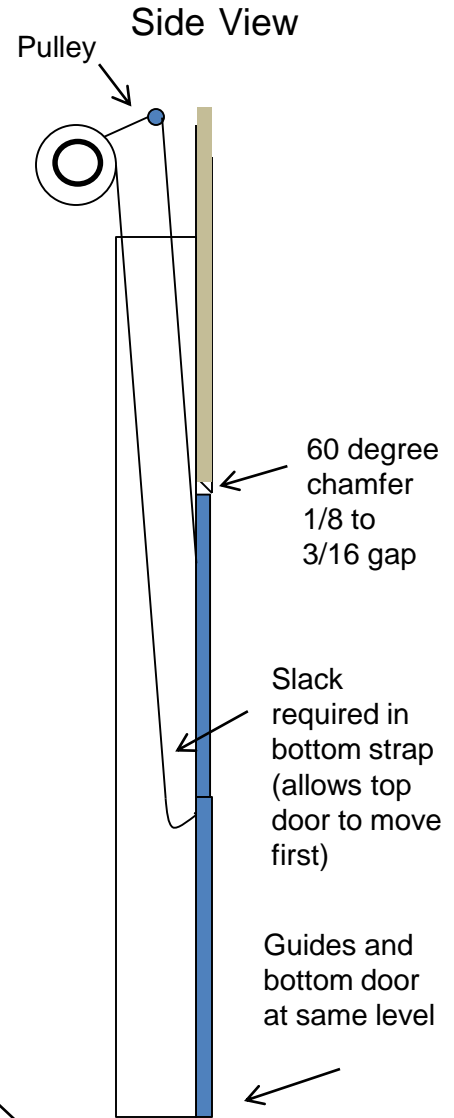
## **Dual panel Automated Door Drive - Two Panel up - Closed Flush**

- Two panels both going up, typically used for hiding TVs
- Doors tilt back approx 5 inches and move up behind a fixed panel.
- When closed, the doors are flush with their surrounding panels.
- The fixed panel above the door must be chamfered so that the movable doors can tilt back properly.
- The door drive is a motor tube with lifting straps. Starting and stopping points for the door are set at installation.
- Doors are not included. System includes tracks , motor drive and controls.
- Controls available include IR remote , RFQ remote, low voltage switch, 120 volt switch and Home Automation Integration.
- Custom guides and roller assemblies available as needed

# Overall Layout



Front View



Side View

1/8 inch gap between door and trim

### Motor Tube Placement Side View

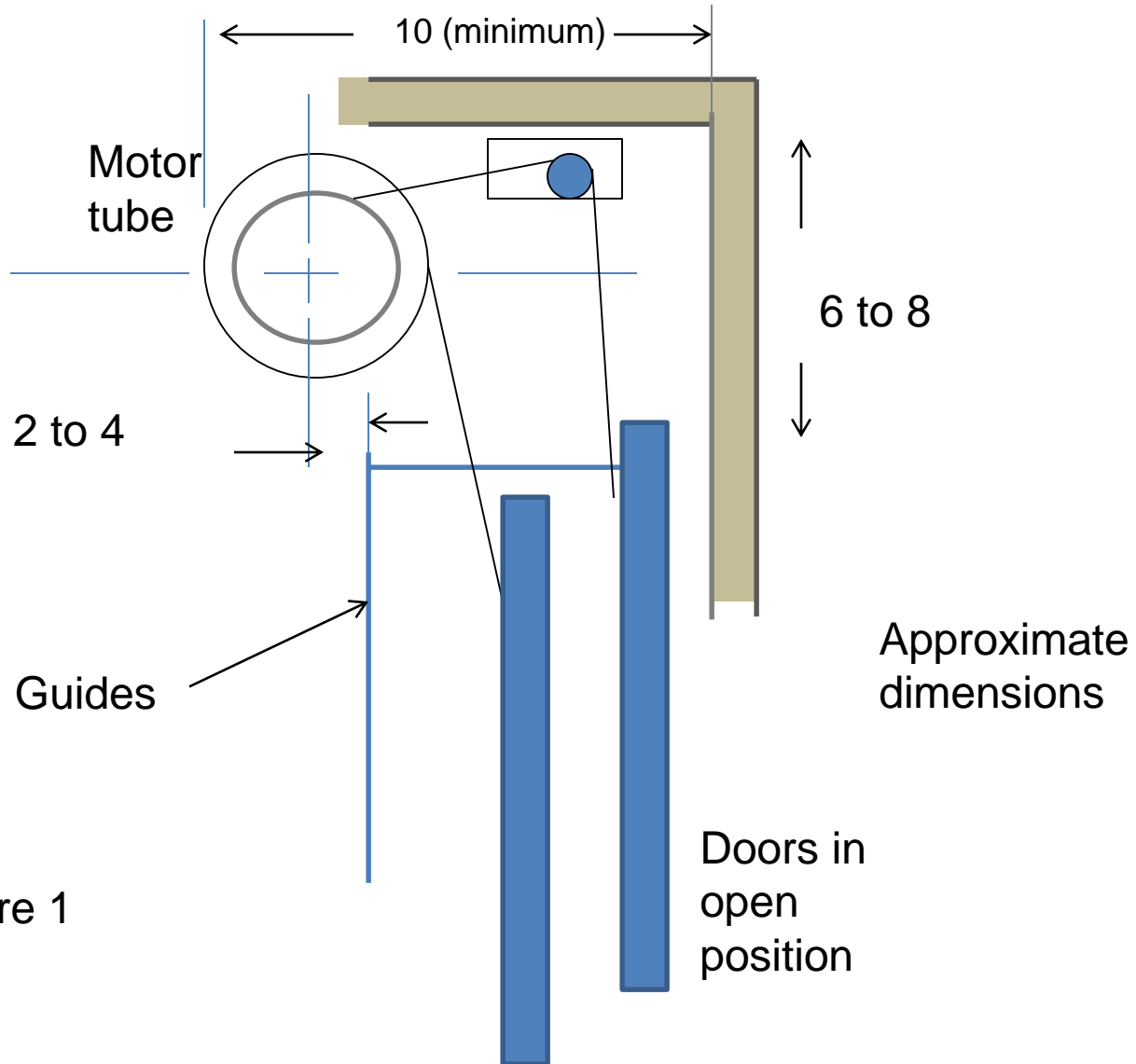
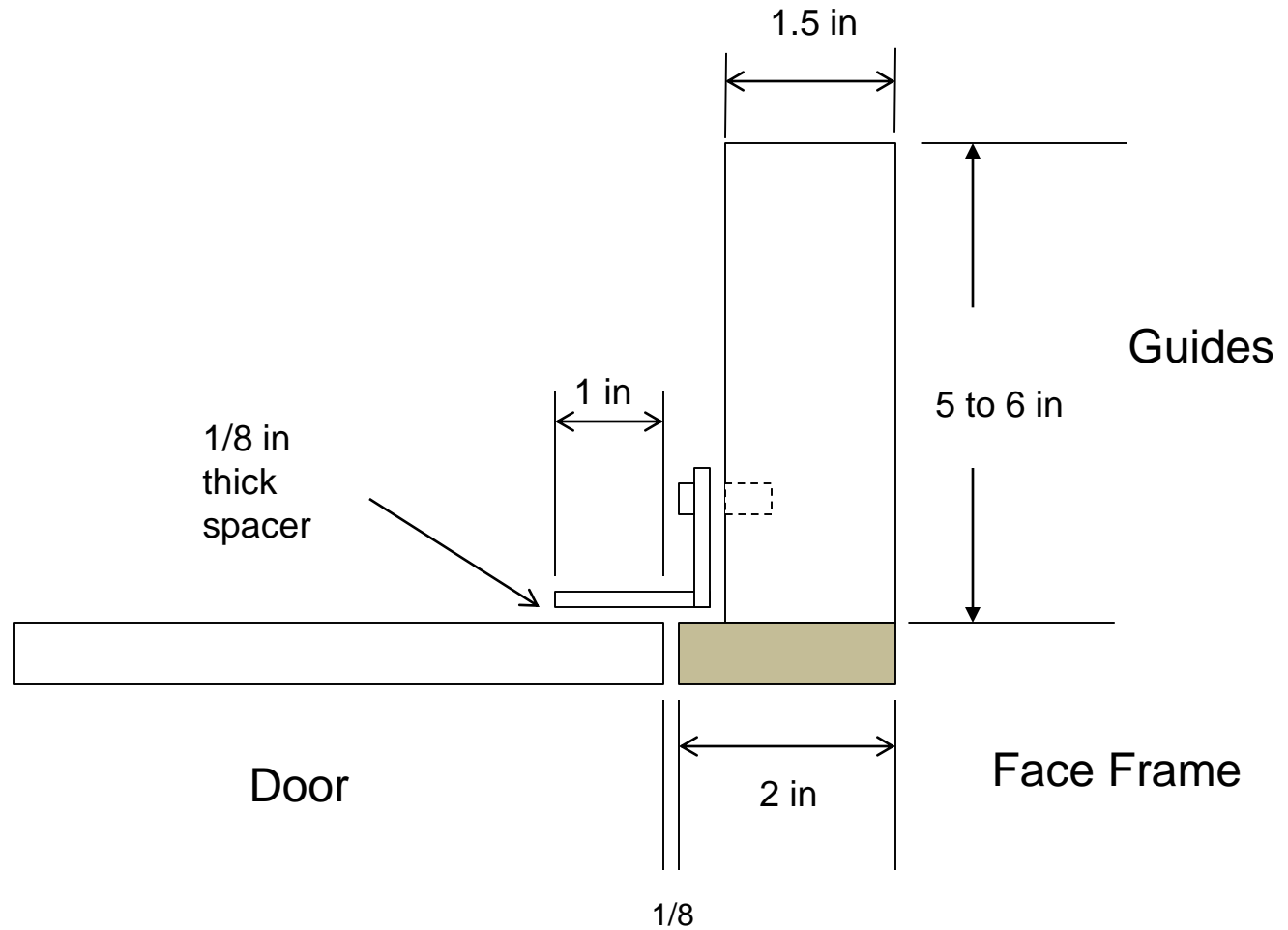


Figure 1

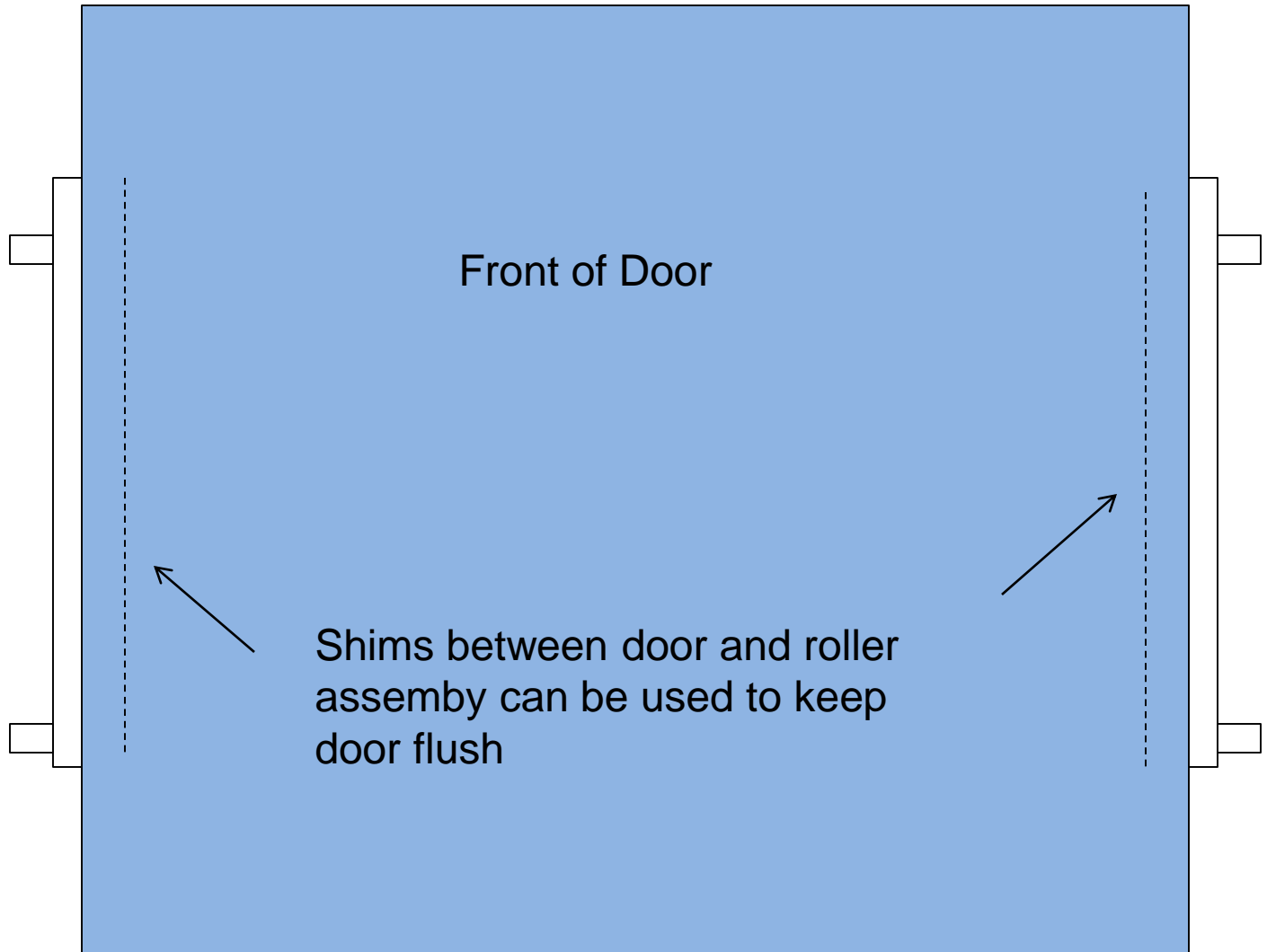
# Guide Placement Top View



# Roller Assembly

Roller Assembly must extend  $\frac{3}{8}$  inch beyond door

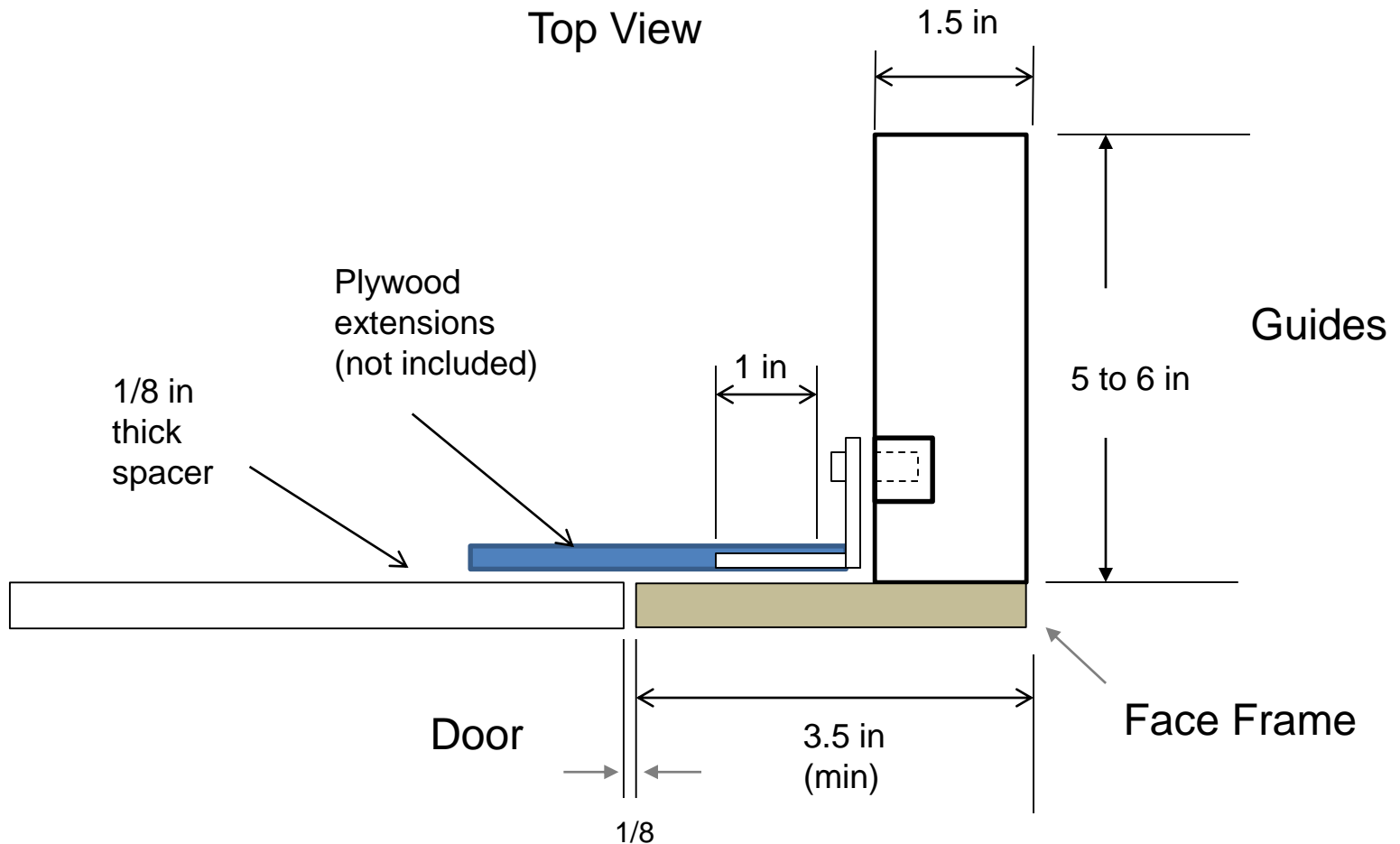
Roller Assembly integrates with guides to control the door travel



Shims between door and roller assembly can be used to keep door flush

# Guide Placement (Optional Approach)

Top View



# Guides/tracks - detail



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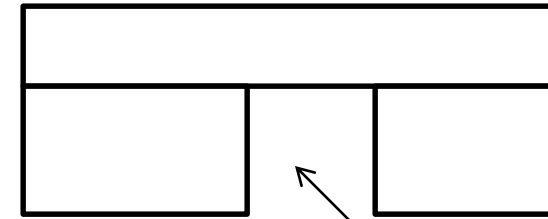
# Roller Assembly - detail

Top View

not to scale

5 to 6 inches

1 1/2 inches

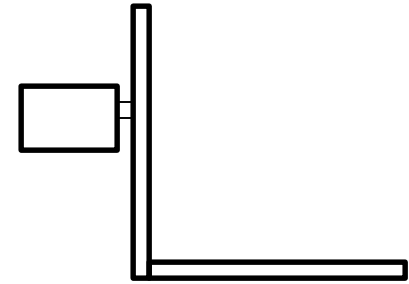


Padded slot for roller

Length of guides for a 2 panel door is 1.5 times the height of the door opening

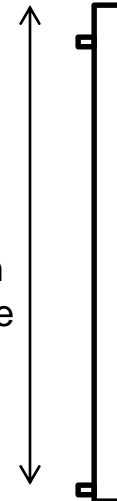
Front View

Top View



1 1/2

Length of Roller Assembly depends on height of the door

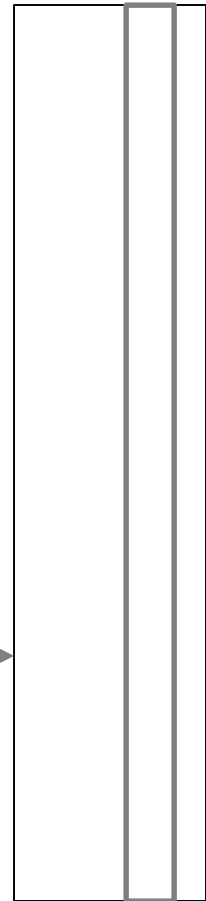


Front View

Guides – are used to control the door articulation as it moves up and down

## Guides

Guide dimensions are usually 5 or 6 inches wide by 1.5 times the height of the opening and 1.5 inches thick  
Only a partial guide section is shown



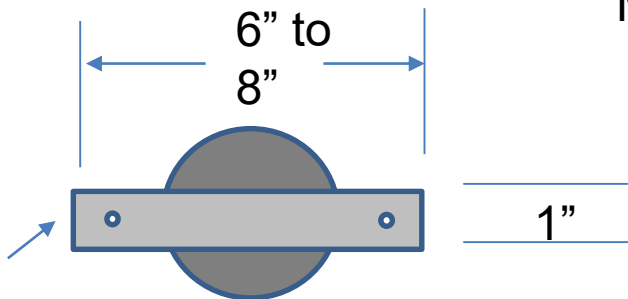
1/8 to 3/16 gap

Fixed panel above doors

60 degree chamfer required

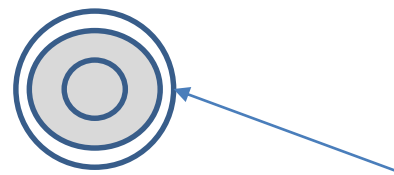


## Motor Tube Mounting Brackets



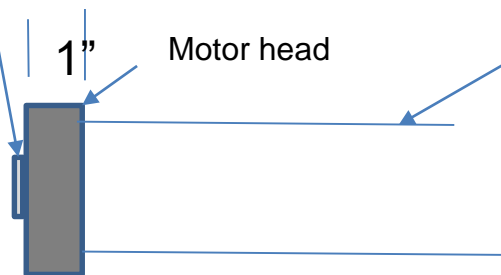
Right side steel motor  
brace Secures with 2 to 4  
screws

Side View Motor End

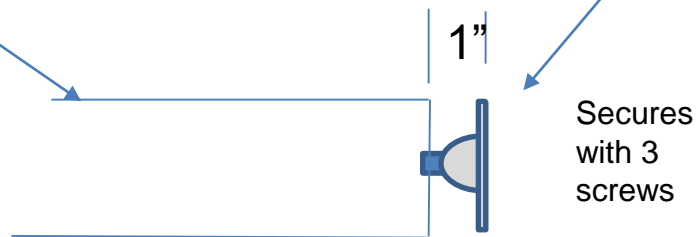


Left Side idler  
bracket -1.75 dia

Side View NON -  
Motor end



Front View  
Motor end



Front View NON -  
Motor end

## Lifting Strap brackets

