



# AV Series Dynamic Mounting Arm

Tilt and swivel · Double arm · Height Adjusting

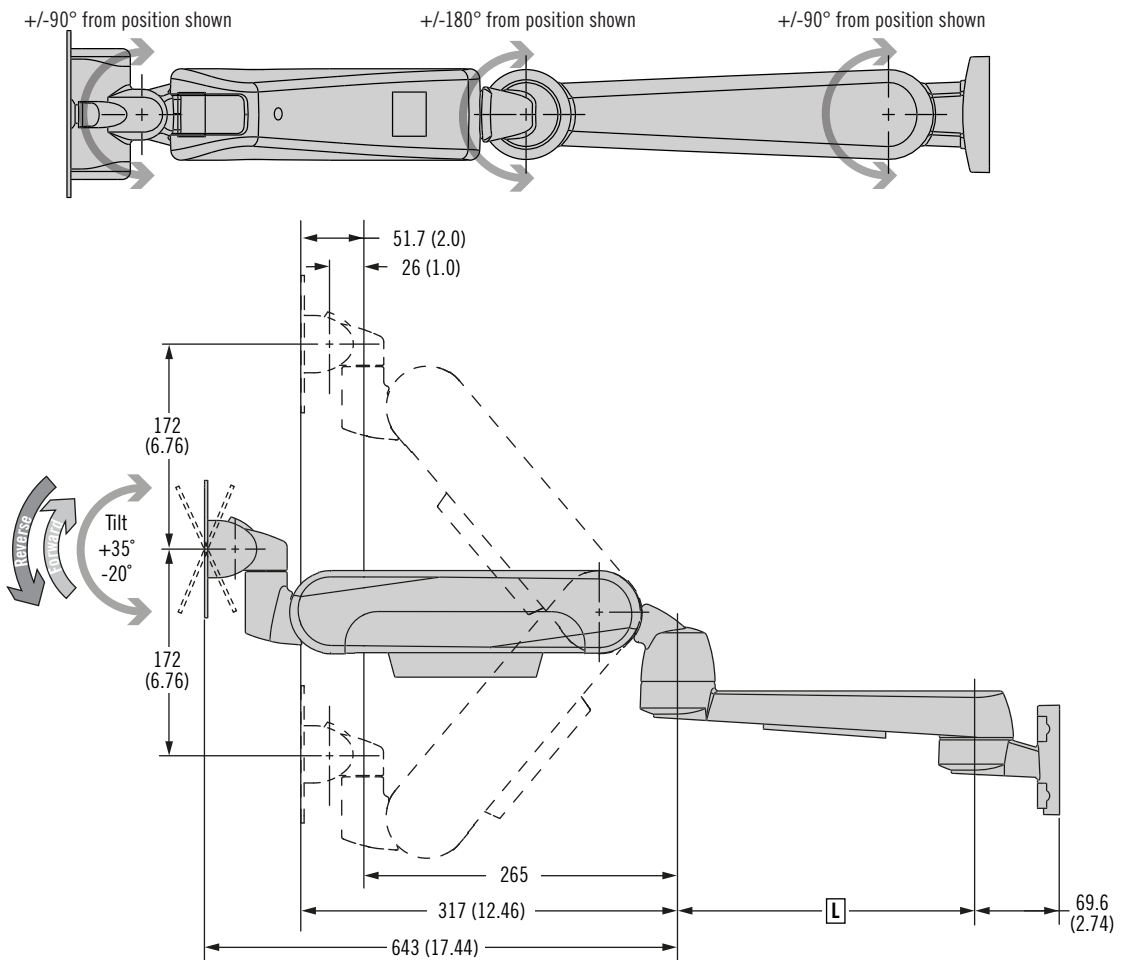
- Intuitive grab and move operation enhances the user experience**

No knobs or tools required to reposition the display

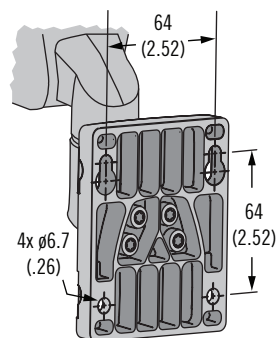
Precise control of operating effort ensures ideal "feel" and eliminates "drift"

Holds securely, even in applications with dynamic loading

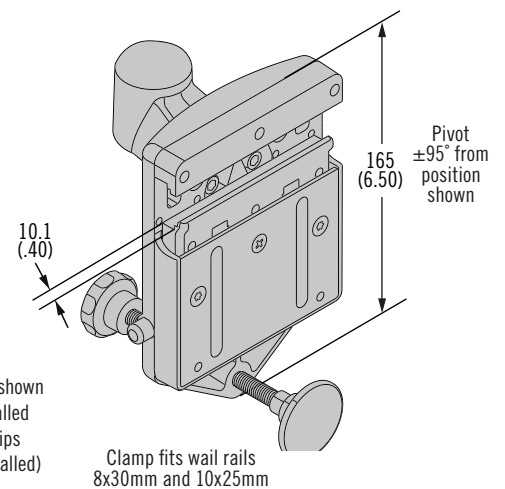
- Consistent repeatable operation
- Fully enclosed for optimum cleanability
- Snap-open channels simplify wire management
- Factory assembled and ready for use



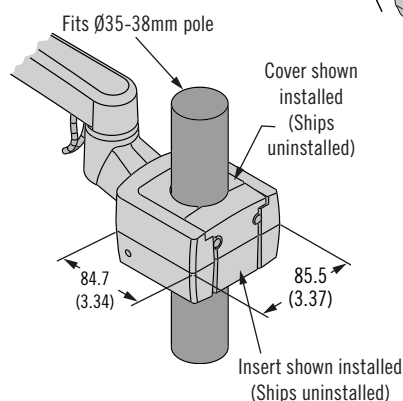
Wall Mount, Front Fastened K=4



Rail Mount K=7



Pole Mount K=6



Other options available. For complete details on variety, part numbers, installation and specification, go to



[www.southco.com/AV](http://www.southco.com/AV)

Dimensions in millimetres unless otherwise stated

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# AV Series Dynamic Mounting Arm

## Tilt and swivel · Double arm · Height Adjusting

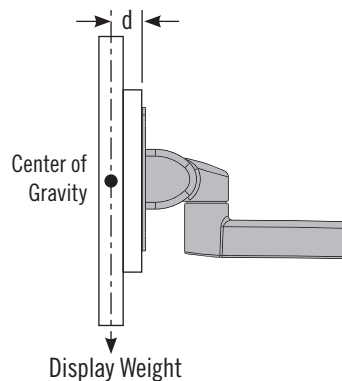


67B

### Specification and Selection

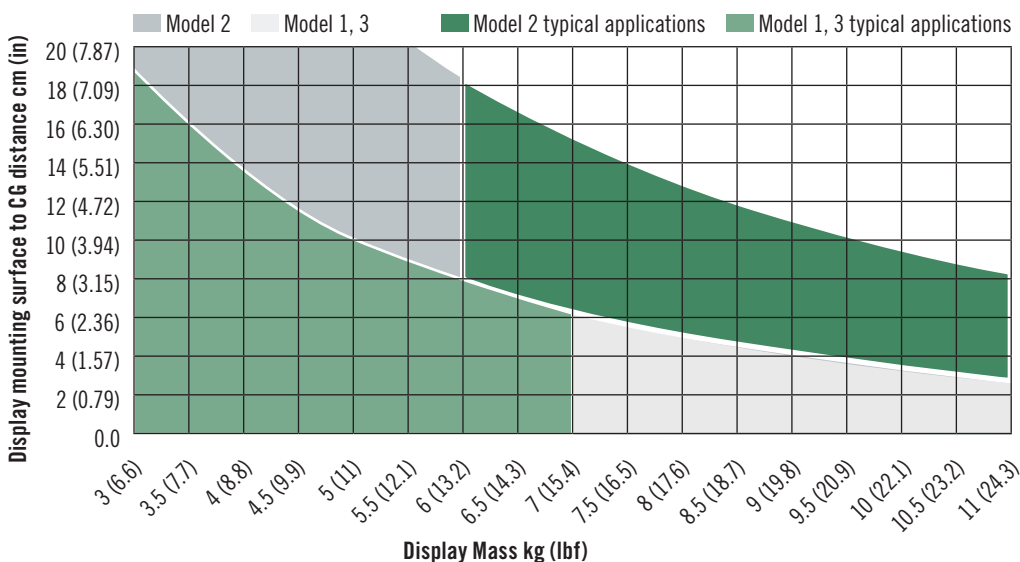
#### Step 1

Determine display weight and distance (d) from mounting surface to center of gravity.



#### Step 2

Use chart below to select model (1, 2 or 3).



#### Step 3

Complete part number by selecting model and color options below.

**AV - D32 - [L] 1 [K] [S] - [F]**

| [L] | Length                               |
|-----|--------------------------------------|
| 72W | Height adjusting + 250mm lateral arm |
| 79W | Height adjusting + 325mm lateral arm |

| [F] | Color |
|-----|-------|
| 50  | Black |
| 76  | White |

| [S] | Model                        |
|-----|------------------------------|
| 1   | Counterbalanced, Low Torque  |
| 2   | Counterbalanced, High Torque |
| 3   | Dynamic applications         |

| [K] | Mounting Style            |
|-----|---------------------------|
| 4   | Wall mount, Front         |
| 6   | Pole mount (35-38mm Pole) |
| 7   | Rail mount                |

### Material and Finish

Aluminum alloy, powder coated

### Performance Details

Cycle performance: 20,000 cycles.

Swivel Torque:

At Device Mount: 4.3 N-m (38 in-lbf)

At Center Joint: 6.0 N-m (53 in-lbf)

At Mounting Surface: 6.0Nm (53in-lbf)

Average ultimate load: 490N (110 lbf)

See trade drawing for details.

### Part Number Example:

**AV-D32-72W141-50** = 250mm lower arm, Model 1, wall mount, black

Other options available. For complete details on variety, part numbers, installation and specification, go to



[www.southco.com/AV](http://www.southco.com/AV)



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No knobs or tools required to reposition the display

Precise control of operating effort ensures ideal “feel” and eliminates “drift”

Holds securely, even in applications with dynamic loading

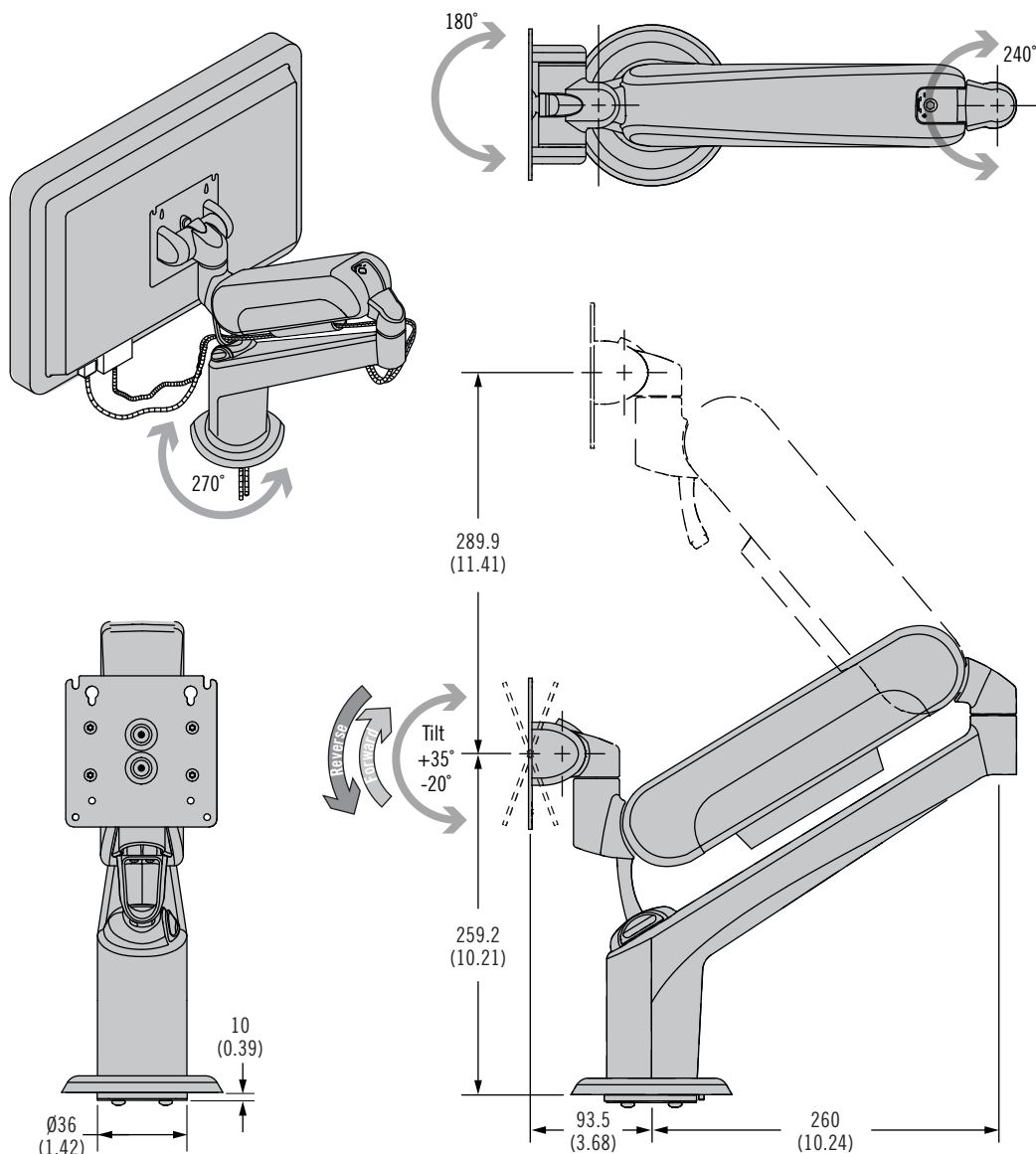
- Consistent repeatable operation**

- Fully enclosed for optimum cleanability**

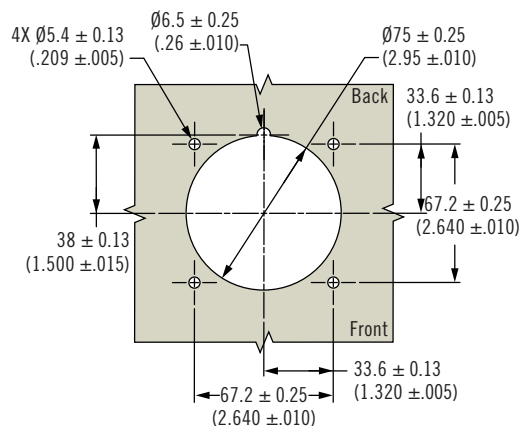
- Snap-open channels simplify wire management**

- Factory assembled and ready for use**

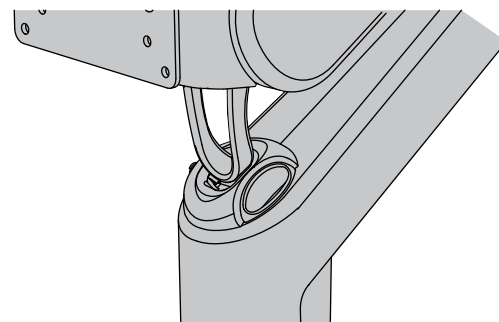
- Optional locking mechanism in stowed position**



## Panel Preparation



## Optional Locking Mechanism



Other options available. For complete details on variety, part numbers, installation and specification, go to



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Dimensions in millimeters (inch) unless otherwise stated

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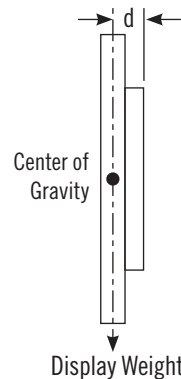


67D

## Specification and Selection

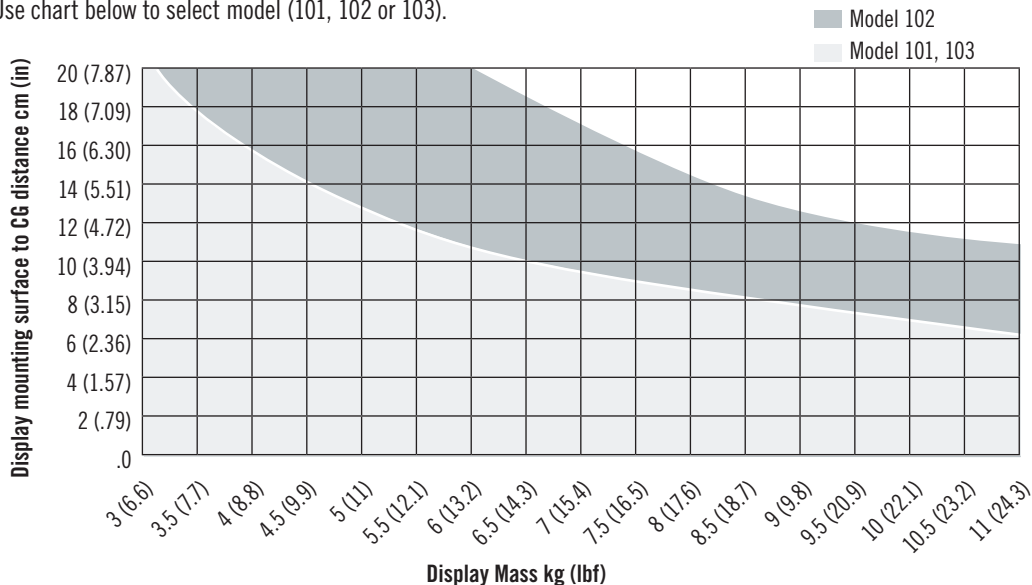
### Step 1

Determine display weight and distance (d) from mounting surface to center of gravity.



### Step 2

Use chart below to select model (101, 102 or 103).



### Step 3

Complete part number by selecting model and color options below.

| <b>K</b> | Mounting Style         |
|----------|------------------------|
| C        | With Locking Mechanism |
| Omit     | Non-Locking            |

| <b>S</b> | Model | Tilt Torque<br>N•m (in lbf) |           | Maximum<br>Display Weight<br>kg(lb) |
|----------|-------|-----------------------------|-----------|-------------------------------------|
|          |       | Reverse                     | Forward   |                                     |
| 1        | 101   | 7.9 (70)                    | 1.13 (10) | 7 (15)                              |
| 2        | 102   | 15.4 (136)                  | 2.26 (20) | 10 (22)                             |
| 3        | 103   | 8.6 (76)                    | 6.0 (53)  | 7 (15)                              |

| <b>F</b> | Color |
|----------|-------|
| 50       | Black |
| 76       | White |

AV - D32-61W **K**13 **S** - **F**

## Material and Finish

Aluminum alloy, powder coated

## Performance Details

Cycle performance: 20,000 cycles.

Swivel Torque:

At Device Mount: 4.3 N-m (38 in-lbf)

At Center Joint: 6.0 N-m (53 in-lbf)

At Mounting Surface: 6.8 N-m (60 in-lbf)

Average ultimate load:

490N (110 lbf)

See trade drawing for details.

## Part Number Example:

AV-D32-61WC131-50 = Model 101, locking, black

Other options available. For complete details on variety, part numbers, installation and specification, go to



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