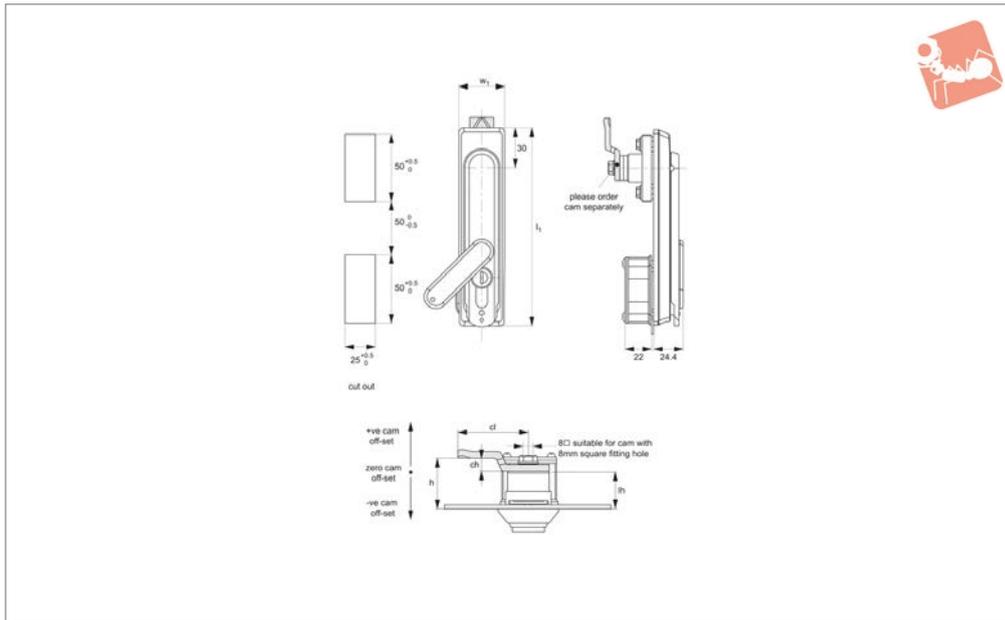




# Swing Handles - Cam Control

## 40mm euro cylinder lock - dust cover

# Swing Handles



## B1082

SWING HANDLES

### Material

**Type One:** Body & Handle: die cast zinc, black powder coated.

**Type Two:** Body: Polyamide PA6, black.  
Handle: die cast zinc, black powder coated.  
Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and

A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

### Tips

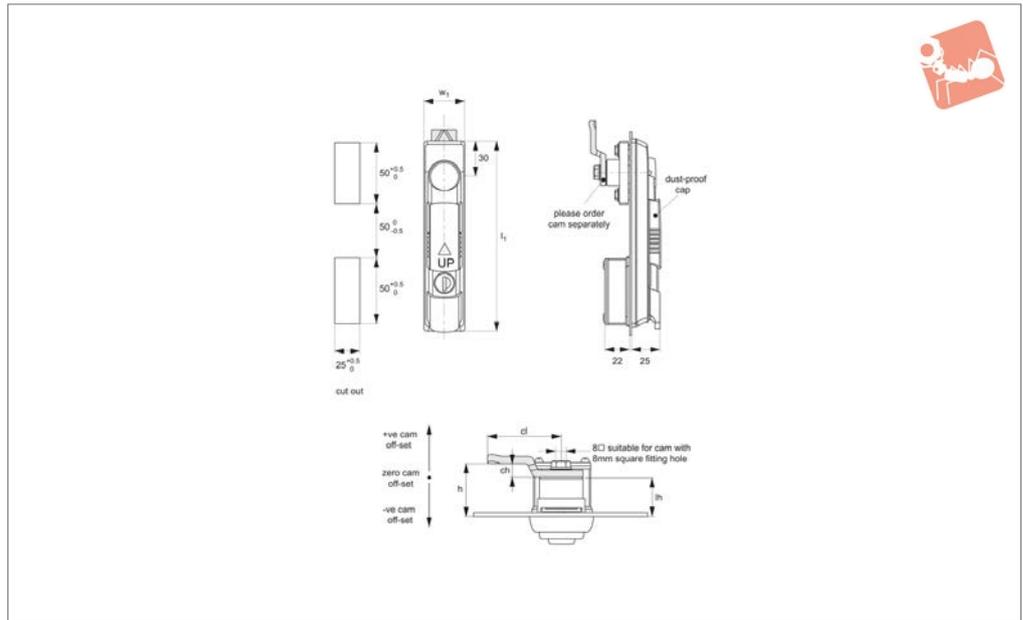
90° degree handle rotation combines with rod latch to open or close. All die cast metal construction provides higher strength than standard models. Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 1 to 4mm. For use inside of cabinet gasket. Universal left/right.

Order No.	Type	Body	Lock type	Handle	Padlockable	Key type	l <sub>1</sub>	w <sub>1</sub>	lh
B1082.AW0010	One	Zinc	40 Euro	Zinc	No	Keyed Alike	160	34	19
B1082.AW0020	One	Zinc	40 Euro	Zinc	Yes	Keyed Alike	160	34	19
B1082.AW0310	Two	Polyamide	40 Euro	Zinc	No	Keyed Alike	160	34	19
B1082.AW0320	Two	Polyamide	40 Euro	Zinc	Yes	Keyed Alike	160	34	19





## B1086



### Material

**Type One:** Body & Handle: die cast zinc, black powder coated.

**Type Two:** Body: Polyamide PA6, black. Handle: die cast zinc, black powder coated. Cylinder lock: die cast zinc, chrome plated. Foaming seal to achieve IP54 rating.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and

A0240. Select „without projection“ cam type.

Dimensions  $ch$  and  $cl$  relate to cam. Use formula to calculate  $ch$  (required cam off-set), and refer to cam selection chart;

$ch = h - lh$  where;

$ch$  = required cam off-set/height.

$h$  = grip length (distance between inside of latch face and front of cam).

$lh$  = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching

- A0303, A0321, A0325.

### Tips

90° degree handle rotation combines with rod latch to open or close. All die cast metal construction provides higher strength than standard models. Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

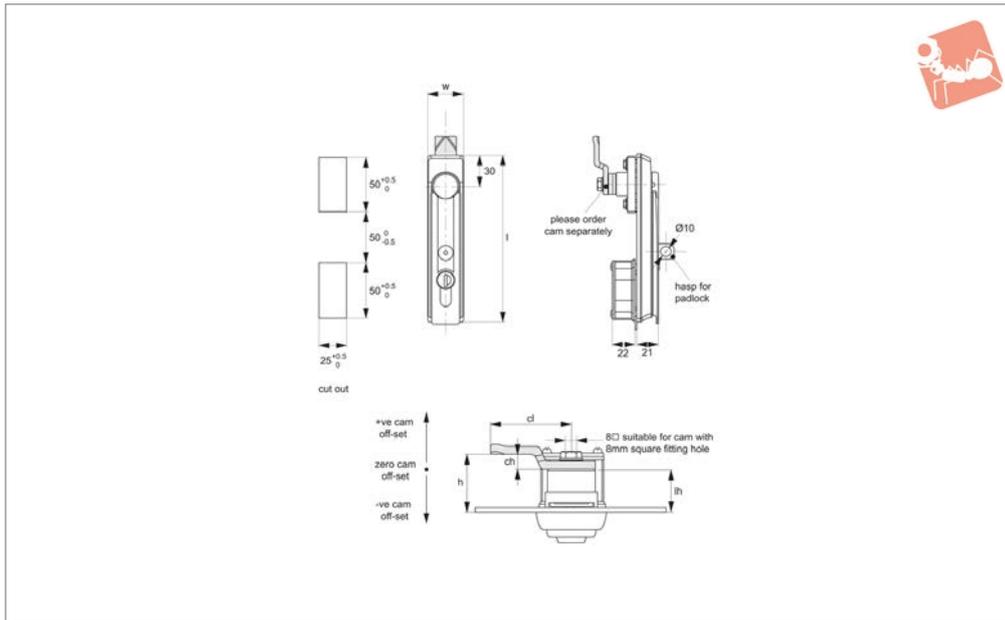
Order No.	Type	Body	Handle	Key type	$l_1$	$w_1$	$lh$
B1086.AW0010	One	Zinc	Zinc	Keyed Alike	160	34	19
B1086.AW0310	Two	Polyamide	Zinc	Keyed Alike	160	34	19



# Swing Handles - Cam Control

40mm euro cylinder lock - padlockable - zinc or

## Swing Handles



**B1088**

SWING HANDLES

### Material

**Type One:** Body & Handle: die cast zinc, black powder coated.

**Type Two:** Body: Polyamide PA6, black. Handle: die cast zinc, black powder coated. Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and

A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

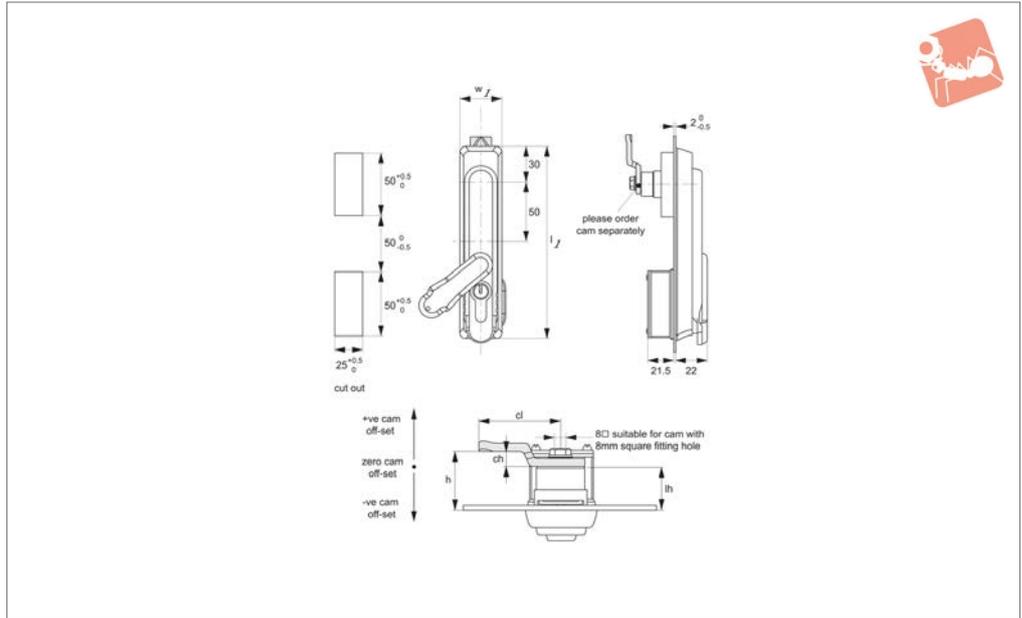
### Tips

90 degree handle rotation combines with rod latch to open or close. All die cast metal construction provides higher strength than standard models. Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 1 to 4mm. For use inside of cabinet gasket. Universal left/right.

Order No.	Type	Body	Lock type	Handle	Padlockable	Key type	l	w	lh
<b>B1088.AW0010</b>	One	Zinc	40 Euro	Zinc	No	Keyed Alike	160	34	19
<b>B1088.AW0310</b>	Two	Polyamide	40 Euro	Zinc	No	Keyed Alike	160	34	19
<b>B1088.AW0020</b>	One	Zinc	40 Euro	Zinc	Yes	Keyed Alike	160	34	19
<b>B1088.AW0320</b>	Two	Polyamide	40 Euro	Zinc	Yes	Keyed Alike	160	34	19



## B1091



### Material

Body & Handle: polyamide, PA6, black.  
 Cylinder lock: die cast zinc, chrome plated.  
**Supplied with:** Keys: two per lock.  
**Not supplied:** Cam: order separately.  
**Supplied with:** Keys: two per lock.  
**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.  
**Cams:** see suitable cam A0203, A0224 and

A0240. Select „without projection“ cam type.  
 Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;  
**ch = h - lh** where;  
**ch** = required cam off-set/height.  
**h** = grip length (distance between inside of latch face and front of cam).  
**lh** = body length of cam latch/lock to be

used (see product table below).  
**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

### Tips

Also available with radial pin lock, subject to min. order quantity.  
 Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

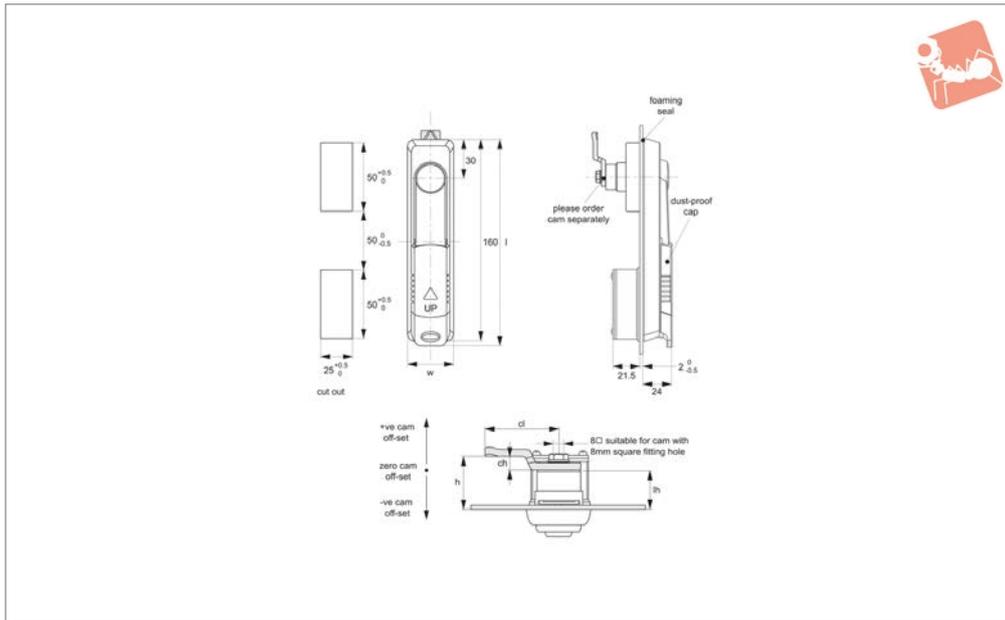
Order No.	Finish	Lock type	Key type	$l_1$	$w_1$	lh
B1091.AW0020	Black, Plastic	40 Euro	Keyed Alike	160	35	16



# Swing Handles - Cam Control

40mm euro cylinder lock - dust proof cover - plastic

## Swing Handles



**B1092**

SWING HANDLES

### Material

Body & Handle: polyamide, PA6, black.  
 Cylinder lock: die cast zinc, chrome plated.  
**Supplied with:** Keys: two per lock.  
**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.  
**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam

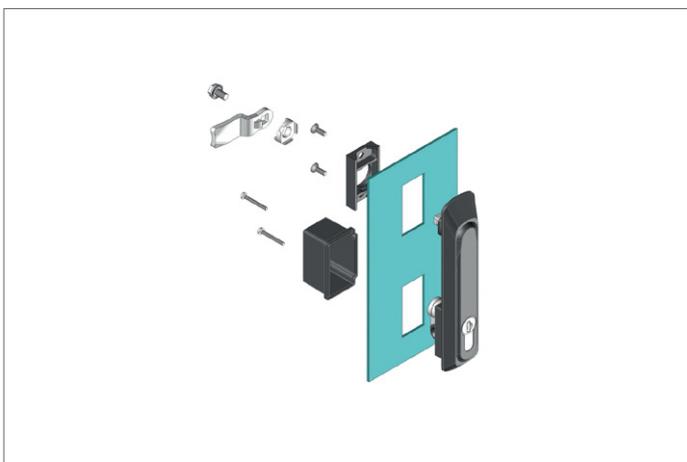
type.  
 Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;  
 $ch = h - lh$  where;  
 $ch$  = required cam off-set/height.  
 $h$  = grip length (distance between inside of latch face and front of cam).  
 $lh$  = body length of cam latch/lock to be

used (see product table below).  
**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

### Tips

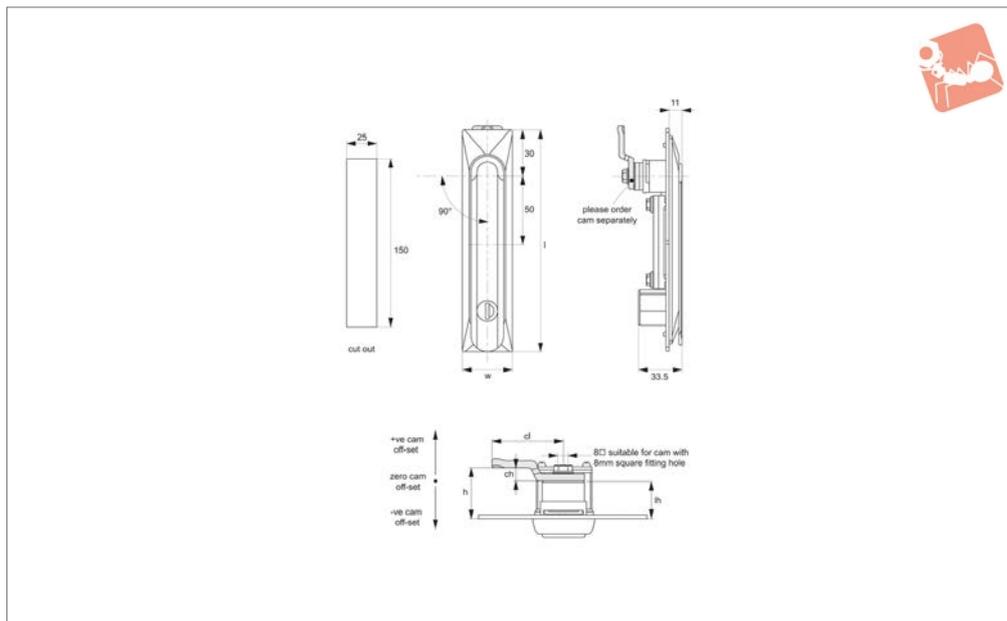
Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

Order No.	Finish	Lock type	Key type	l	w	lh
B1092.AW0010	Black, Plastic	40 Euro	Keyed Alike	165	35	16





## B1180



### Material

Body & Handle: die cast zinc, pocked black power coated.

Polyurethane gasket: to achieve IP65 rating.

Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

Order No.	Finish	Lock type	Key type	l	w	lh
B1180.AW0010	Black Coated	Std. Cylinder	Keyed Alike	160	36	20



# Wixroyd Swing Handles

product selection charts

## Swing Handles & Paddle Latches

cut out	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
				1-point	2-point	3-point		
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium					Inside Gasketing Outside Gasketing With Projection W/O Projection	
<b>B1180 - Swing Handle</b>								
	✓	✓	54	✓	✓	✓	✓	✓
Cams: A0203, A0224, A0240 - Keys: Supplied								

cut out	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
				1-point	2-point	3-point		
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium					Inside Gasketing Outside Gasketing With Projection W/O Projection	
<b>B4590 - Cam Latch - Flush T-handle - Heavy Duty</b>								
	✓	✓		✓	✓	✓	✓	✓
Cams: Supplied - Keys: Supplied								

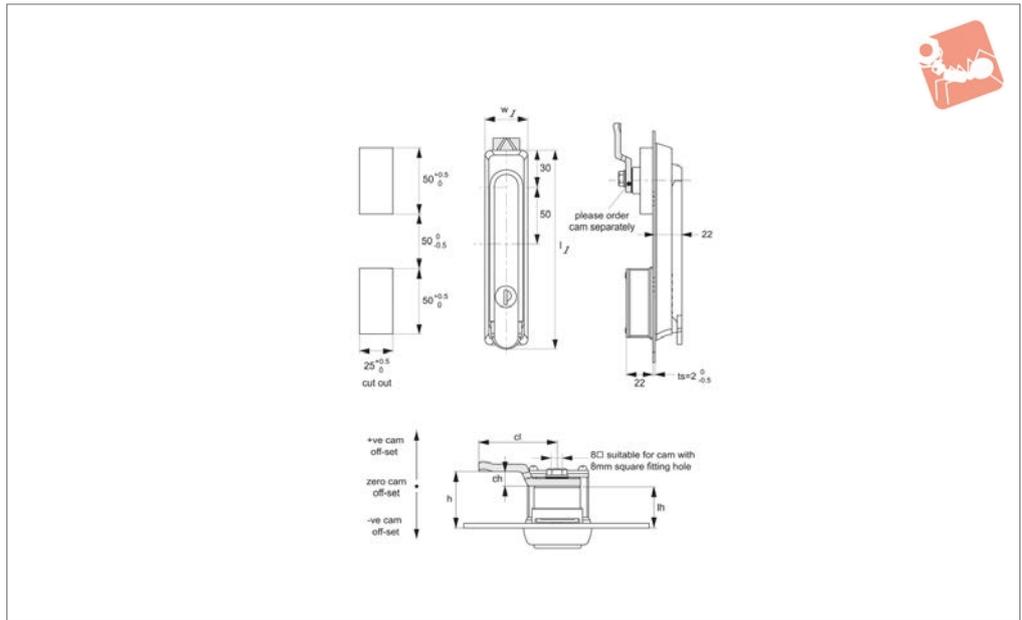
cut out	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
				1-point	2-point	3-point		
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium					Inside Gasketing Outside Gasketing With Projection W/O Projection	
<b>B4584 - Cam Latch - Flush T-handle, Vertical - Heavy Duty</b>								
	✓	✓		✓	✓	✓	✓	✓
Cams: Supplied - Keys: Supplied								
<b>B4586 - Cam Latch - Flush T-handle, Vertical - Heavy Duty</b>								
	✓	✓		✓	✓	✓	✓	✓
Cams: Supplied - Keys: Supplied								
<b>B4588 - Cam Latch - Flush T-handle, Vertical - Heavy Duty</b>								
	✓	✓		✓	✓	✓	✓	✓
Cams: Supplied - Keys: Supplied								

SWING HANDLES

ov-WB1180-A-TPL0120-WB4590-A-T-swing-handles-products-selection-chart-b-rmh- Updated -25-10-2022



## B1281



### Material

Body & Handle: polyamide PA6, black.  
 Cylinder lock: die cast zinc, chrome plated.  
**Supplied with:** Keys: two per lock.  
**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.  
**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam

type.  
 Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;  
**ch = h - lh** where;  
**ch** = required cam off-set/height.  
**h** = grip length (distance between inside of latch face and front of cam).  
**lh** = body length of cam latch/lock to be

used (see product table below).  
**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

### Tips

For use in electrical cabinets, telecom racks or enclosures. Max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

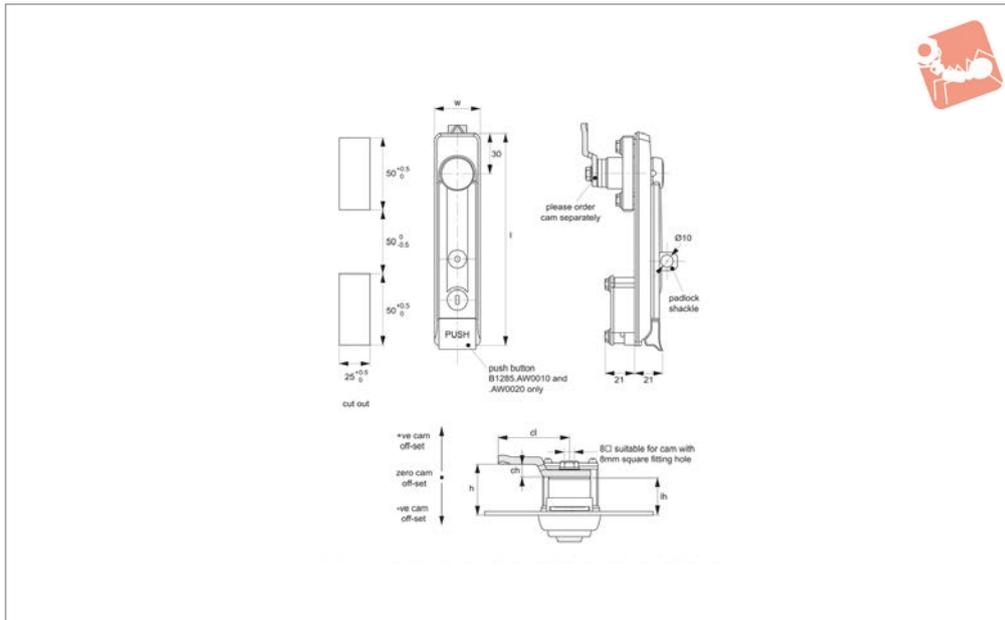
Order No.	Finish	Lock type	Key type	l <sub>1</sub>	w <sub>1</sub>	lh
B1281.AW0010	Black, Plastic	Std. Cylinder	Keyed Alike	160	35	16



# Swing Handles - Cam Control

standard cylinder lock - padlockable - zinc

## Swing Handles



**B1285**

SWING HANDLES

### Material

Body & Handle: die cast zinc, black powder coated.

Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: please order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of

latch face and front of cam).

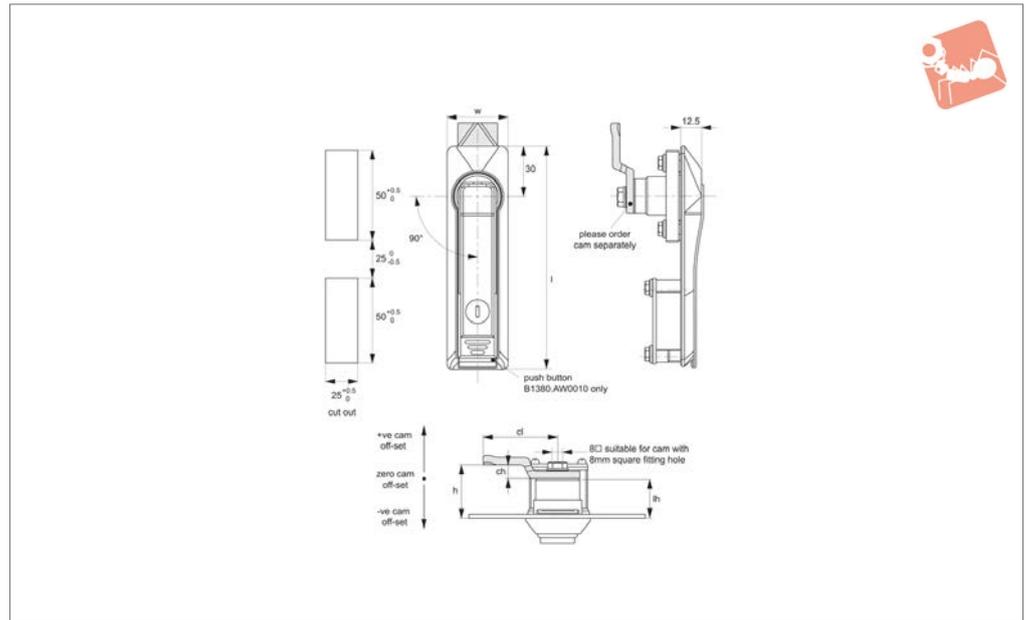
**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

Order No.	Type	Lock type	Padlockable	Key type	l	w	lh
<b>B1285.AW0010</b>	With Button	Std. Cylinder	No	Keyed Alike	158	34	19
<b>B1285.AW0020</b>	With Button	Std. Cylinder	Yes	Keyed Alike	158	34	19
<b>B1285.AW0030</b>	W/o Button	Std. Cylinder	No	Keyed Alike	158	34	19
<b>B1285.AW0040</b>	W/o Button	Std. Cylinder	Yes	Keyed Alike	158	34	19



## B1380



### Material

Body & Handle: die cast zinc, black painted.

Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Key: two per lock.

**Not supplied:** Cam: please order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of

latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

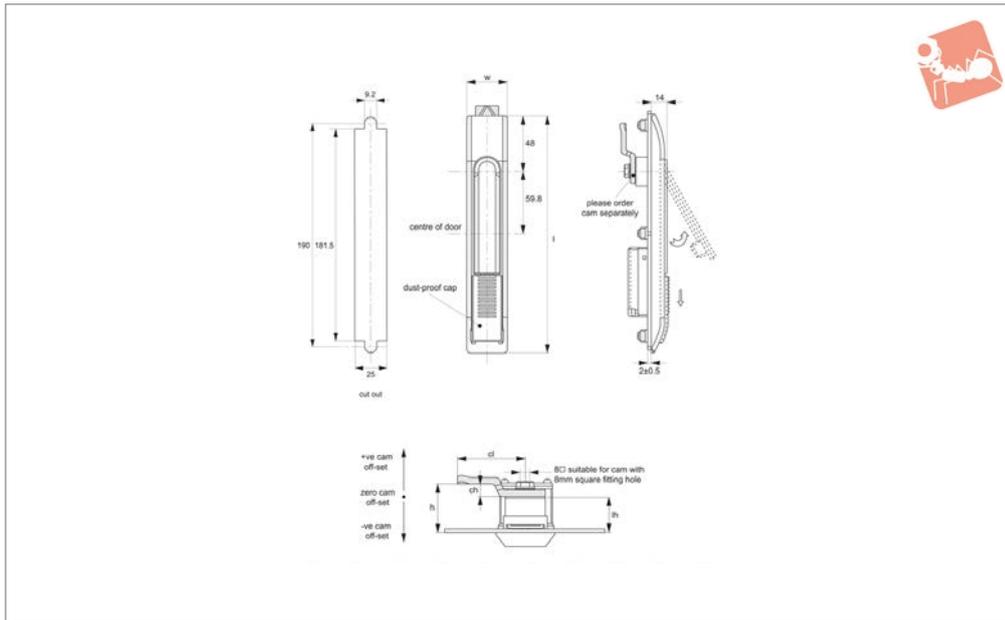
Order No.	Type	Lock type	Key type	l	w	lh
B1380.AW0010	With Button	Std. Cylinder	Keyed Alike	133	36	19
B1380.AW0020	W/o Button	Std. Cylinder	Keyed Alike	133	36	19



# Swing Handles - Cam Control

40mm euro cylinder - sliding cover - polyamide

## Swing Handles



**B1450**

SWING HANDLES

### Material

Body & Handle: die cast zinc, black powder coated.

Cylinder lock: die cast zinc, chrome plated.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

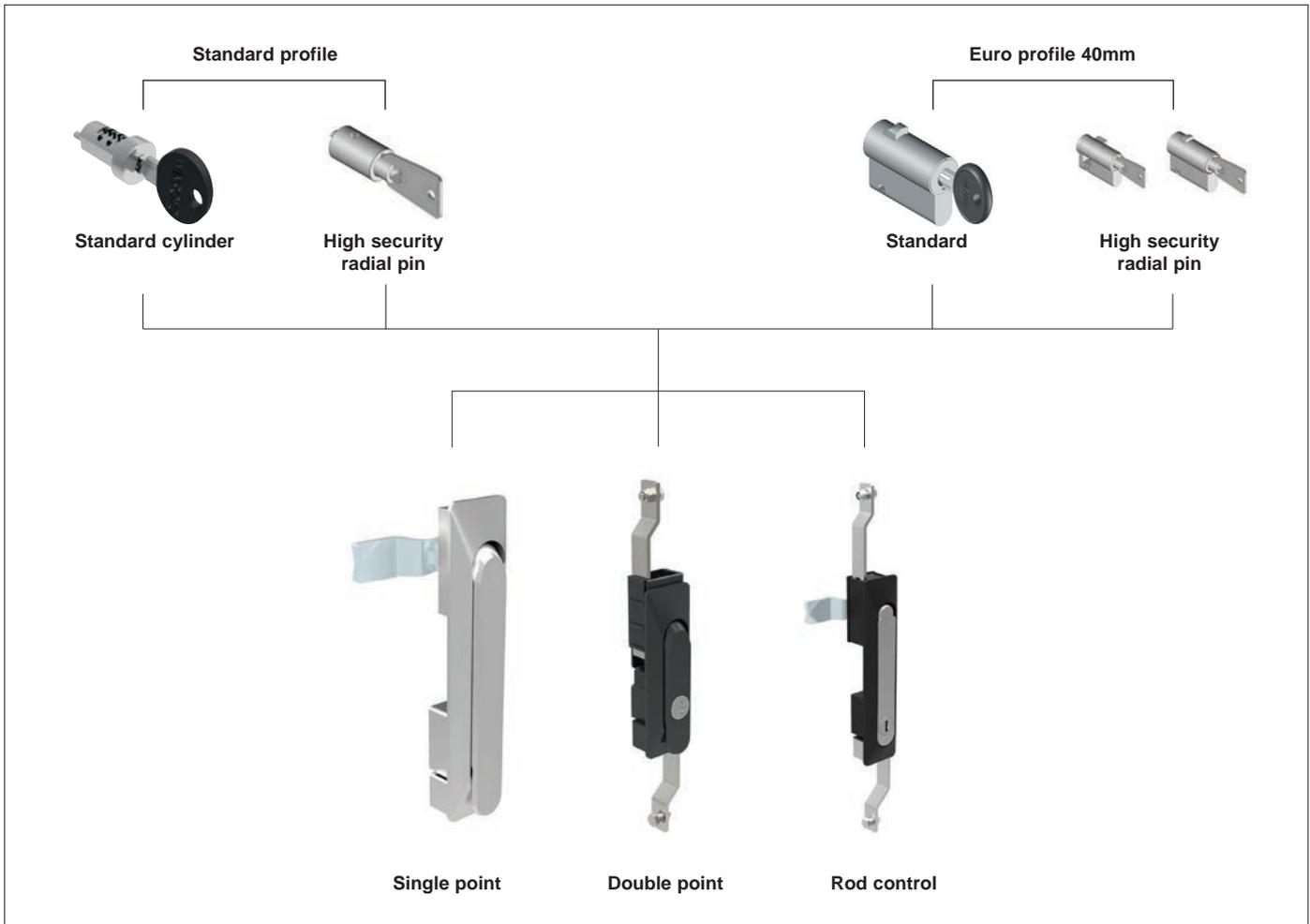
Order No.	Finish	Lock type	Key type	l	w	lh
<b>B1450.AW0010</b>	Black Coated	40 Euro	Keyed Alike	215.5	36	20



Wixroyd swing handles are a complete multi-point latching system with an ergonomic and stylish design, making them ideal for securing enclosures in applications as varied as telecoms, IT, electrical cabinets, special purpose machines, vending and gaming machines.

## Swing handles

SWING HANDLES



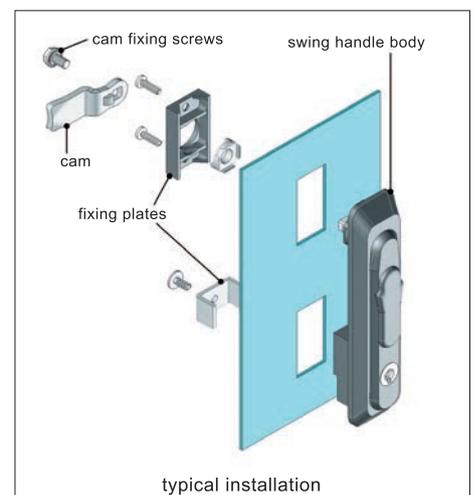
Easy Action - Upon unlocking, the handle lever springs forward and can be turned 90° to unfasten the cam and open the panel.

## Installation

With many models supplied with easy to use mounting brackets, Wixroyd swing handles can be installed with minimum fuss.

Follow these guides:

1. Prior to commencing ensure the swing handle body, mounting bracket plate and cam are unassembled. Due to their unique integral foam gasket Wixroyd swing handle latches do not require a separate gasket.
2. Present handle body to the installation cut out in the panel.
3. Position mounting bracket, and attach with the screws supplied.
4. Attach cam to swing handle body, ensuring its correct orientation to the panel frame.



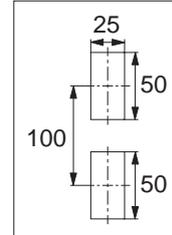


When selecting a Wixroyd Swing Handle for your application, you need to answer these questions:

1. Which installation cut out?
2. How many latching points are required?
3. Variety of material?
4. Gasketing and sealing?
5. Which locking and activation method?
6. Which accessories?
7. Which cam type and size?

Wixroyd Swing Handles are available in one of seven different cut out sizes, please refer to individual product details for availability.

If your application has a pre-existing cut out, then you need to select a replacement swing handle with a matching installation cut out.



**Step 1:**  
Which installation cut out?

### 1, 2, 3 or more

Wixroyd Swing Handles provide a completely flexible multi-point latching system, for either one, two, three or more points of securing a cabinet or enclosure, when used in conjunction with our latching rod sets A0303 to A0325.

- Single point latching – Standard swing handle and single point cam.
- Double point latching – Swing handle with rod control mechanism (no cam).
- Three point or more latching – Swing handle with rod control mechanism and multi-point cam.



Single point Latching



Double point latching

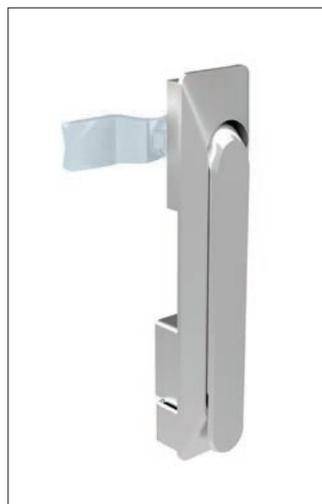


Three point or more latching

**Step 2:**  
How many latching points?



Plastic PA6



Die-cast zinc

**Step 3:**  
Variety of materials

INSIDE GASKET

OUTSIDE GASKET

### Inside or outside the gasket

It is also important to consider whether the swing handle will be mounted inside or outside of the gasket. Refer to individual products for suitability.

### Application sealing protection

The unique design feature of a foam gasket incorporated into the housing of most of our swing handle latches, provides additional sealing in the application and contributes toward the IP65 (NEMA) rating of our swing handle latches.

IP65 RATED

**Step 4:**  
Gasketing and sealing



## Step 5: Which locking and actuation method?

We offer a range of locking solutions with differing levels of security and anti-vandalism. Please refer to individual product table for availability.

The all brass construction and anti-drill centre of our high security radial pin locks provide excellent resistance to lock picking and vandalism.

With hundreds of thousands of possible key combinations the problem associated with duplicate keys is virtually eliminated.



Standard cylinder



High security radial pin



40mm Euro lock

## Step 6: Which accessories?

### Padlock hasps

On selected swing handle models we are able to offer the following additional features (please refer to individual product tables for availability).

### Gasketing

Wixroyd have a wide range of gaskets which can be used on enclosures, machine panels, doors etc. Refer to our products Z0550 through Z1002.

### Multi-point latching

Use parts A0303 to A0325 for suitable rod latching sets and rod guides.



Lock cover



Padlock hasp



Lock cover plus padlock hasp



A0325

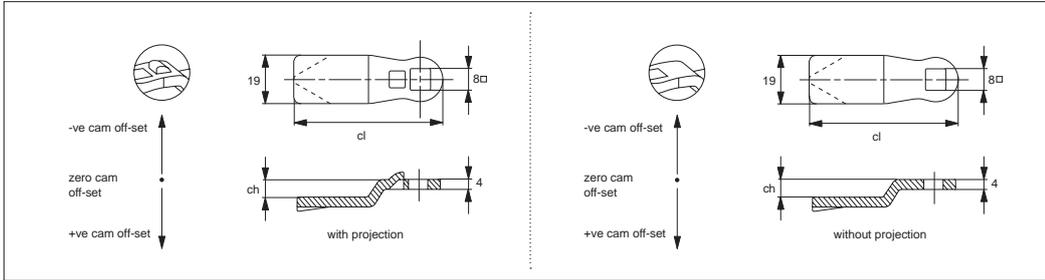


Gaskets



## With or without "Projection"

Different swing handles require cams either with or without projection.



With projection cams prevent turning of the cam over 45°, but is not suited to all swing handles. For correct projection type please see individual swing handle technical pages.

## Step 7:

### Which cam type and size?

Wixroyd cams are available in a number of different materials; zinc plated steel, stainless steel (AISI 304) and black plastic.

### Cam off-set (dimension ch)

To ensure your cam fully and correctly engages with the frame of your door the correct cam off-set must be selected. A cam off-set can be either negative (-ve) or positive (+ve).

### Cam length (dimension cl)

This impacts the reach of the cam to door frame and hence impacts positioning of swing handle for installation. Cam length is measured from the centre of the cam fixing hole to the cam's leading edge.

Most typically cams are 45 mm in length.

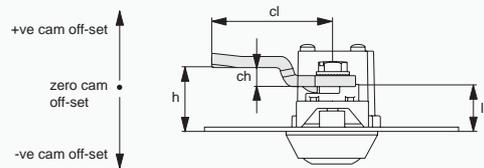
Use formula to calculate ch (required cam off-set), and refer to the cam selection chart.

$$ch = h - lh \text{ where;}$$

ch = the required cam off-set/height

h = grip length (distance between inside of latch face and front of cam).

lh = body length of swing handle to be used (see example below)



### Calculation of correct cam off-set

This is the most important aspect of the selection process.

### Example one

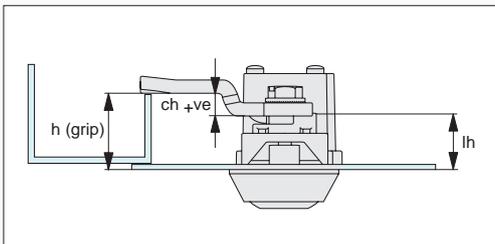
Cam body B1082.AW0010 has been selected for the application. If we refer to the data sheet for this part, suitable cams are parts A0203, A0210 or A0240 - "without projection".

Known application information:  $h = 26$ ,  $lh = 18$

Therefore;  $ch = 26 - 18 = +8$

Cam off set of +8 is required

Using the data tables for cams A0203, A0210 and A0240 we can select the following cams without projection with an off set of +8; A0203.AW5408 (steel), A0210.AW0428 (stainless) or A0240.AW1408 (three point cam).



### Example two

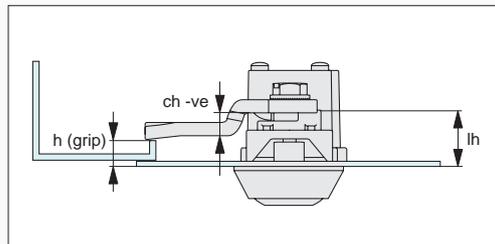
Cam body B1082.AW0010 has been selected for the application. If we refer to the data sheet for this part, suitable cams are parts A0203, A0210 or A0240 - "without projection".

Known application information:  $h = 14$ ,  $lh = 18$ .

Therefore;  $ch = 14 - 18 = -4$

The required cam off set is negative, -4 as the application's door frame is effectively shorter/lower than the length of the cam body

Using the data tables for cams A0203, A0210 and A0240 we can select the following cam without projection with an off set of - 4; A0203.AW6404 (steel).



### Example of calculation of correct cam off-set



		Cylinder Profile	Body	Locking System	Use	Cam Type
<b>B1082 - Swing Handle - Padlockable</b>		Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	
		✓ ✓	✓	65	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1086 - Swing Handle - Dust Proof Cover</b>		✓	✓ ✓	65	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1088 - Swing Handle - Padlockable</b>		✓	✓ ✓	65	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1091 - Swing Handle - Dust Cover</b>		✓	✓	65	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1092 - Swing Handle - Dust Proof Cover</b>		✓	✓	65	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1281 - Swing Handle - Short</b>		✓	✓	54	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1285 - Swing Handle - Padlockable</b>		✓	✓	54	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				
<b>B1380 - Swing Handle - Short Version</b>		✓	✓	54	✓ ✓ ✓	✓
		Cams: A0203, A0224, A0240 - Keys: Supplied				

	Cylinder Profile	Body	Locking System	Use	Cam Type
<b>B2082 - Swing Handle - With Rod Control - Dust Proof Cover</b>		Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection
	✓	✓ ✓	54	✓ ✓ ✓	✓
	Cams: A0215 - Keys: Supplied				
<b>B2084 - Swing Handle - With Rod Control - Magnetic Key</b>		✓	✓	54	✓ ✓ ✓
	Cams: A0215 - Keys: Supplied				
<b>B2086 - Swing Handle - With Rod Control - Dust Proof Cover</b>		✓	✓	54	✓ ✓ ✓
	Cams: A0215 - Keys: Supplied				
<b>B2088 - Swing Handle - With Rod Control - Padlockable</b>		✓	✓	65	✓ ✓ ✓
	Cams: A0215 - Keys: Supplied				
<b>B2091 - Swing Handle - With Rod Control - Dust Proof Cover</b>		✓	✓ ✓	✓ ✓ ✓	✓
	Cams: A2015 - Keys: Supplied				
<b>B2181 - Swing Handle - With Rod Control</b>		✓	✓	✓ ✓ ✓	✓
	Cams: A0215 - Keys: Supplied				
<b>B2285 - Swing Handle - With Rod Control</b>		✓	✓	65	✓ ✓ ✓
	Cams: A0215 - Keys: Supplied				
<b>B2380 - Swing Handle - with Rod Control</b>		✓	✓	54	✓ ✓ ✓
	Cams: A0215 - Keys: Supplied				



# Wixroyd Cam Latches

## product selection charts

# Swing Handles & Paddle Latches

	Cylinder Profile	Body	Locking System	Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	
<b>B1450 - Swing Handles - Cam Control - Sliding Cover</b>		✓	✓	✓	✓
Cams: A0203, A0224, A0240 - Keys: Supplied					
<b>B2450 - Swing Handles - Rod Control - Sliding Cover</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4604 - Cam Latch - Concealed T-handle, Vertical</b>		✓	65	✓	✓
Cams: Supplied - Keys: Padlockable					
<b>B4703 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4713 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4733 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4750 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4752 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					

	Cylinder Profile	Body	Locking System	Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	
<b>B4754 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4756 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4758 - Push-to-Close Paddle Latch - Pull-to-Open</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					
<b>B4800 - Twist-to-Close Paddle Latch - Snap-On</b>		✓	✓	✓	✓
Cams: N/A - Keys: Supplied					

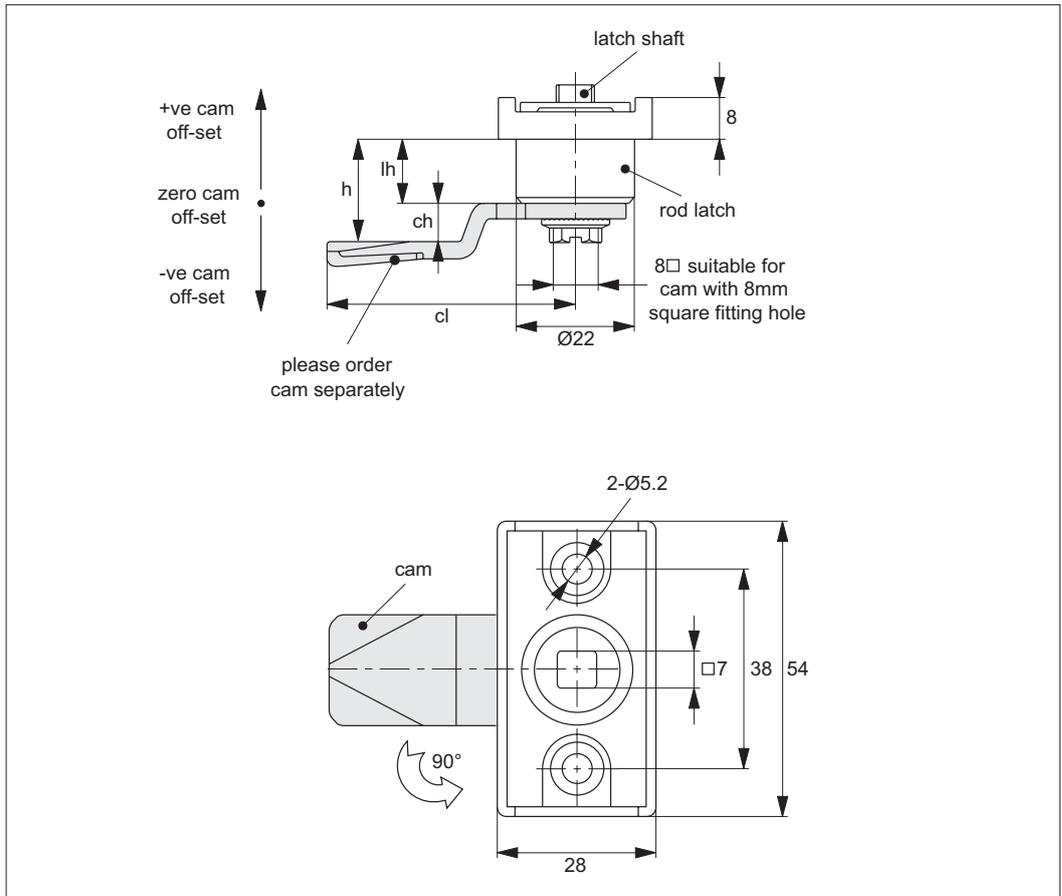
SWING HANDLES

ov-WB1450-A-T-WB4800-A-T-cam-latches-product-selection-chart-rmh-Updated -25-10-2022



### Swing Handles - Cam Control

Dimensional details for our cam control mechanism used in many of our Swing Handles **B1082** through **B1450**.

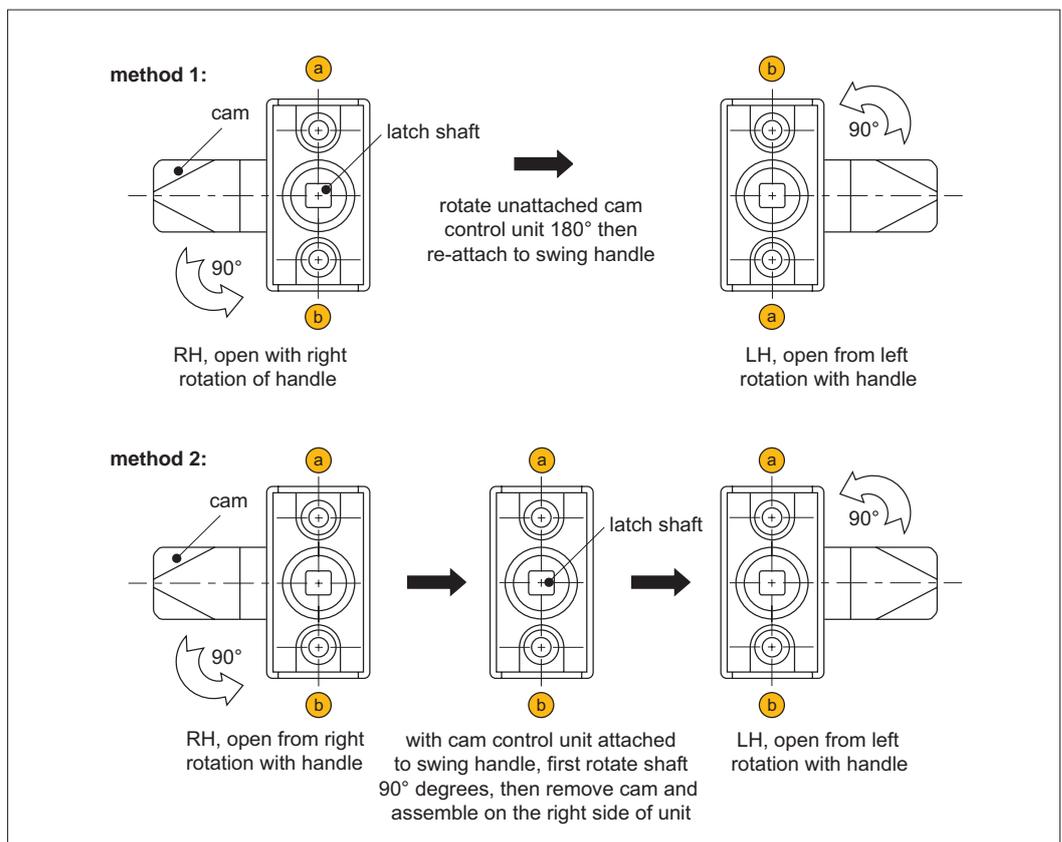


### Swing Handles - Cam Control - Universal

Swing Handles with cam control are for universal left or right hand use. Use one of the following two methods to switch the cam control mechanism from left or right, to suit your application. The descriptions below are for changing a cam control from left to right, to switch from right to left follow a reverse process.

**Method One:** with the cam control elements unattached from the swing handle body, simply rotate the cam control elements 180° degrees then re-attach to the swing handle body.

**Method Two:** this method can be used with the cam control elements already attached to the swing handle body. Firstly rotate the cam 90°, the cam control shaft will also rotate 90°. Secondly, remove the cam and re-attach on the right hand side.

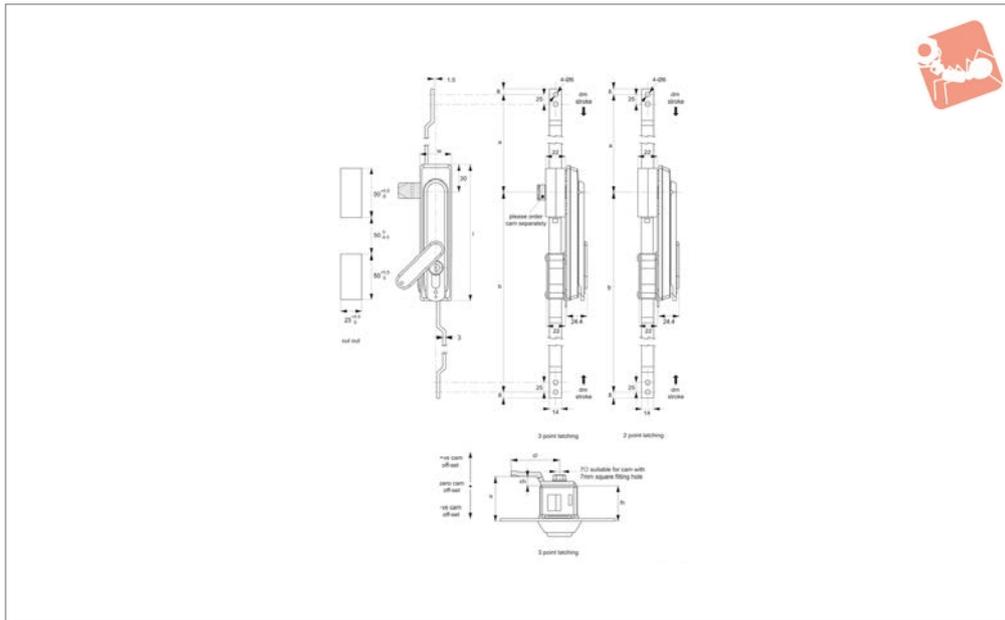




# Swing Handles - with Rod Control

40mm euro cylinder lock - dust cover - zinc or poly-

## Swing Handles



**B2082**

SWING HANDLES

### Material

**Type One:** Body & Handle: die cast zinc, black powder coated.

**Type Two:** Body: Polyamide PA6, black.  
Handle: die cast zinc, black powder coated.  
Cylinder lock: die cast zinc, chrome plated.  
Rod Control Mechanism: die cast zinc.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

All locks are **keyed alike**.

Order cam separately.

Three point latching model utilises rod control plus a cam.

Two point latching model cannot accommodate a cam.

**Cams:** see suitable cam A0215. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of

latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

### Tips

90° degree handle rotation combines with rod latch to open or close. Panel thickness 1-4mm. All the cast metal construction provides higher strength.

Order No.	Type	Body	Handle	Latching type	l	Padlockable	w	lh	a	b	dm stroke
<b>B2082.AW0010</b>	One	Zinc	Zinc	2 point	160	No	34	23	122	196	15
<b>B2082.AW0020</b>	One	Zinc	Zinc	2 point	160	Yes	34	23	196	122	15
<b>B2082.AW0110</b>	One	Zinc	Zinc	3 point	160	No	34	23	122	196	15
<b>B2082.AW0120</b>	One	Zinc	Zinc	3 point	160	Yes	34	23	196	122	15
<b>B2082.AW0310</b>	Two	Polyamide	Zinc	3 point	160	No	34	23	196	122	15
<b>B2082.AW0320</b>	Two	Polyamide	Zinc	3 point	160	Yes	34	23	196	122	15





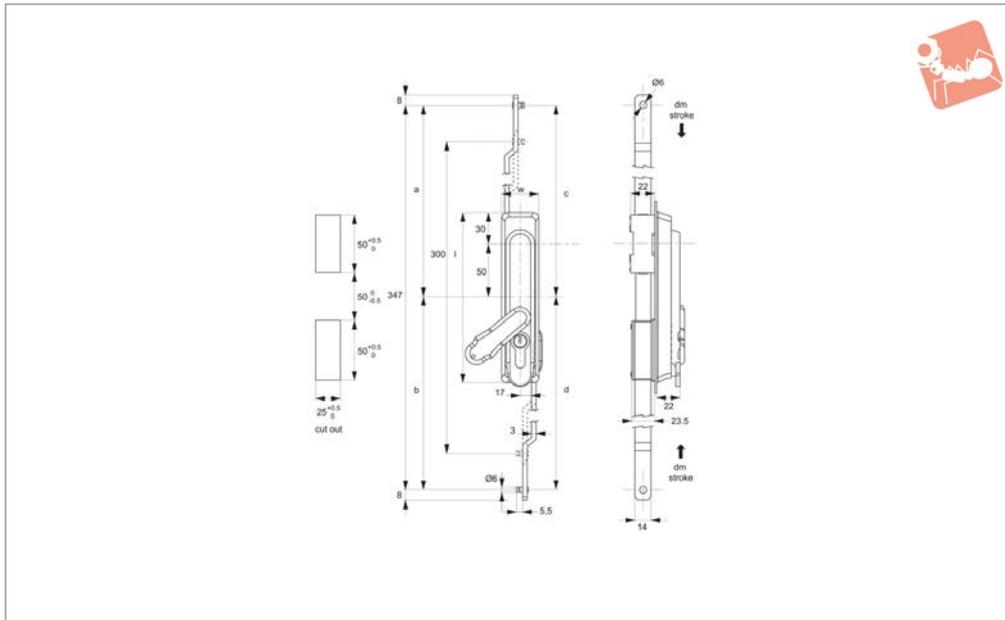




# Swing Handles - with Rod Control

40mm euro cylinder lock - dust cover - polyamide

## Swing Handles



**B2091**

SWING HANDLES

### Material

Body & Handle: polyamide (PA), black.  
 Cylinder lock: die cast zinc, chrome plated.  
 Rod Control Mechanism: die cast zinc.  
**Supplied with:** Keys: two per lock.  
**Not supplied:** Cam: order separately.

### Technical Notes

Suitable for two point latching.  
 Not suitable for three point latching.

### Tips

Also available with radial pin lock, subject

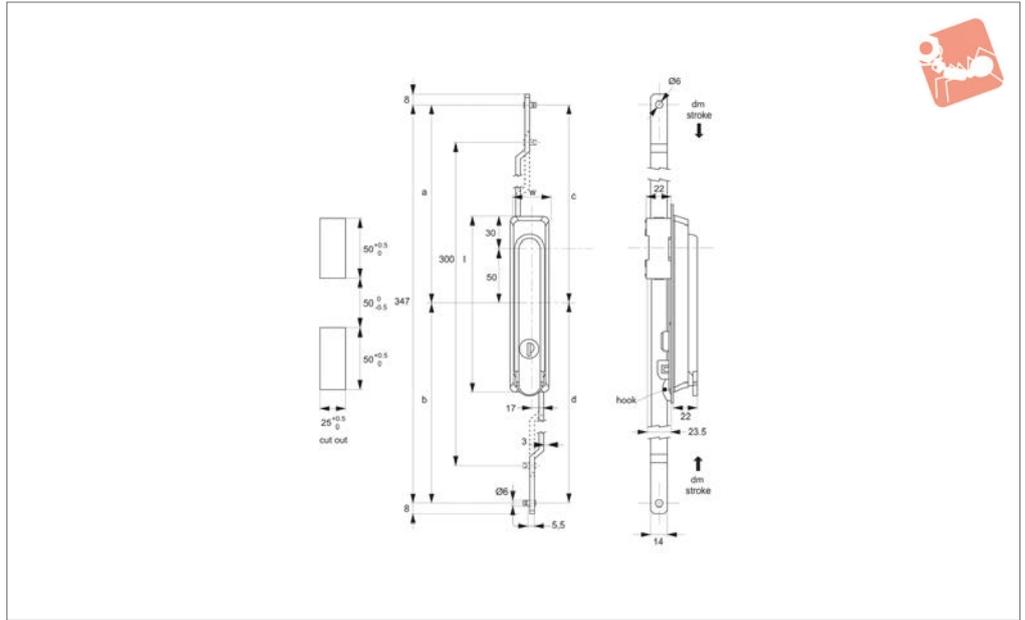
to min. order quantity.

Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

Order No.	Finish	Lock type	Key type	l	w	lh	a	b	c	d	dm stroke 135°	dm stroke 90°
<b>B2091.AW0020</b>	Black, Plastic	40 Euro	Keyed Alike	160	35	23	123.5	223.5	173.5	173.5	23.5	16



## B2181



### Material

Body & Handle: polyamide (PA), black.  
 Cylinder lock: die cast zinc, chrome plated.  
 Rod Control Mechanism: die cast zinc.

**Supplied with:** Keys: two per lock.

**Not supplied:** Rods: order separately.

### Technical Notes

Suitable for two point latching.  
 Not suitable for three point latching.

**Rods & Guides:** A0303, A0321, A0325.

### Tips

Suitable for panel thickness 1 - 2mm.

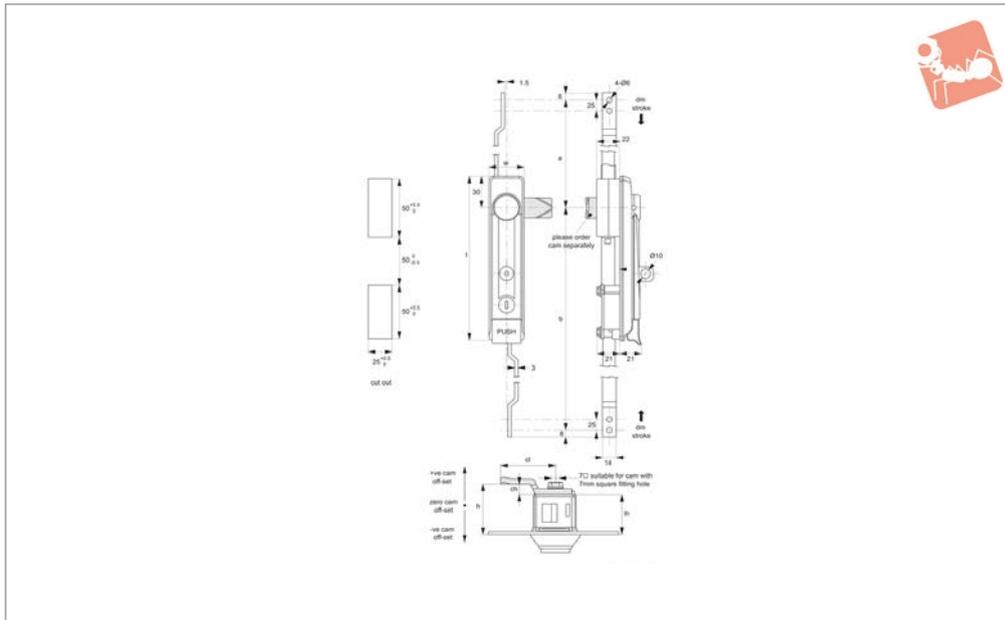
Order No.	Finish	Latching type	Key type	l	w	lh	a	b	c	d	dm stroke 135°	dm stroke 90°
<b>B2181.AW0010</b>	Black, Plastic	2-Point	Keyed Alike	160	35	22	123.5	223.5	173.5	173.5	23.5	16



# Swing Handles - with Rod Control

standard cylinder - zinc

## Swing Handles



**B2285**

SWING HANDLES

### Material

Body & Handle: die cast zinc, black powder coated.

Cylinder lock: die cast zinc, chrome plated.

Rod Control Mechanism: die cast zinc.

**Supplied with:** Keys: two per lock.

**Not supplied:** Cam: order separately.

### Technical Notes

Order cam separately.

**Cams:** see suitable cam A0215. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

**ch = h - lh** where;

**ch** = required cam off-set/height.

**h** = grip length (distance between inside of latch face and front of cam).

**lh** = body length of cam latch/lock to be used (see product table below).

**Rods & Guides:** to achieve 3-point latching - A0303, A0321, A0325.

**Padlock models:** suitable for padlock shackle max. diameter 10mm.

### Tips

Suitable for panel thickness 1-3mm

Order No.	Finish	Lock type	Key type	Button	l	Padlockable	w	lh	a	b	dm stroke
<b>B2285.AW0010</b>	Black Coated	Std. Cylinder	Keyed Alike	With	158	No	34	23	122	196	15
<b>B2285.AW0020</b>	Black Coated	Std. Cylinder	Keyed Alike	With	158	Yes	34	23	122	196	15
<b>B2285.AW0050</b>	Black Coated	Std. Cylinder	Keyed Alike	W/o	158	No	34	23	122	196	15
<b>B2285.AW0060</b>	Black Coated	Std. Cylinder	Keyed Alike	W/o	158	Yes	34	23	122	196	15

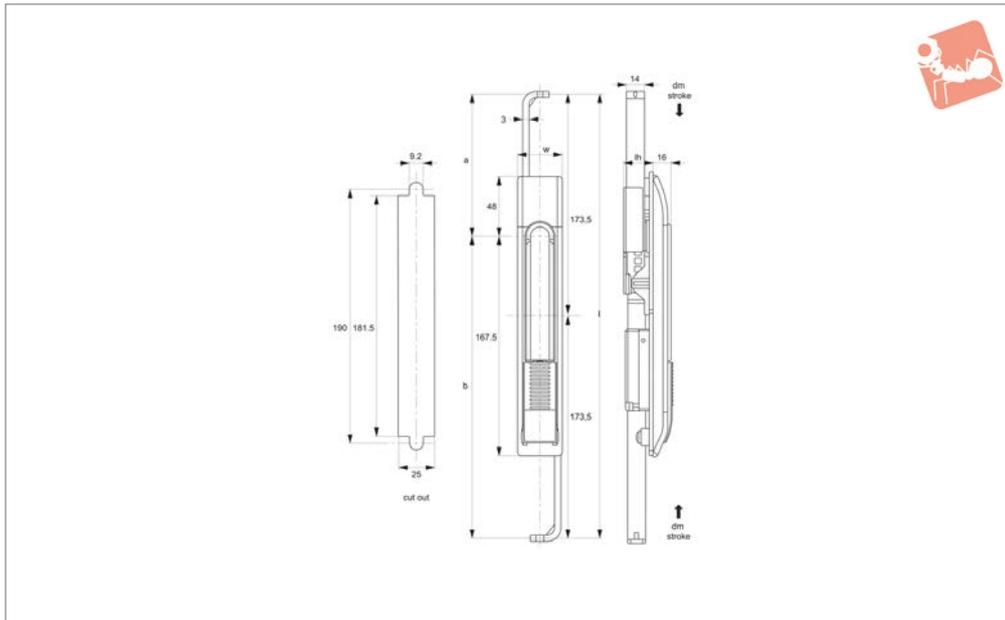




# Swing Handles - with Rod Control

40mm euro cylinder lock - sliding cover - polyamide

## Swing Handles



**B2450**

SWING HANDLES

### Material

Body: polyamide plastic, black.  
 Handle: die cast zinc, chrome plated.  
 Cylinder lock: die cast zinc, chrome plated.  
 Rod Control Mechanism: die cast zinc.  
**Supplied with:** Keys: two per lock.

bottom of panel. Not suitable for 3 point clamping.  
 Unlock handle to release, lift and turn to activate rod control mechanism and release panel.  
 Sliding lock cover prevents ingress of dust etc. into lock mechanism.

### Tips

Suitable for panel thickness 1 to 2mm.

### Technical Notes

Achieves 2 point clamping at top and

Order No.	Finish	Lock type	Key type	l	w	lh	a	b	dm stroke 135°	dm stroke 90°
<b>B2450.AW0010</b>	Black Coated	40 Euro	Keyed Alike	347	36	20	113.8	233.2	23.5	16.0



### Swing Handles - Rod Control

Dimensional details for our rod control mechanism used in many of our Swing Handles **B2082** through **B2450**.

