

Suitable for cavity sliding and surface sliding doors



Easy to operate

Corrosion resistant



For use with aluminium or timber doors



CL100 MorticeLock™

The **CL100 Mortice Lock** is a versatile mortice that has many different internal and external hardware options. The internal components have been built to resist corrosion, making it suitable for both internal and external use in commercial, architectural and residential applications.

The CL100 can be configured to work in hundreds of different ways!

The range of external hardware that can be fitted to this mortice is quite extensive. Please contact us for any special finishes or details that you may require for your handle hardware.

We also have a custom machine shop for one off or specialised runs.



↑ *CL100 Lavilock fitted to CS NewYorker glazed aluminium door.*

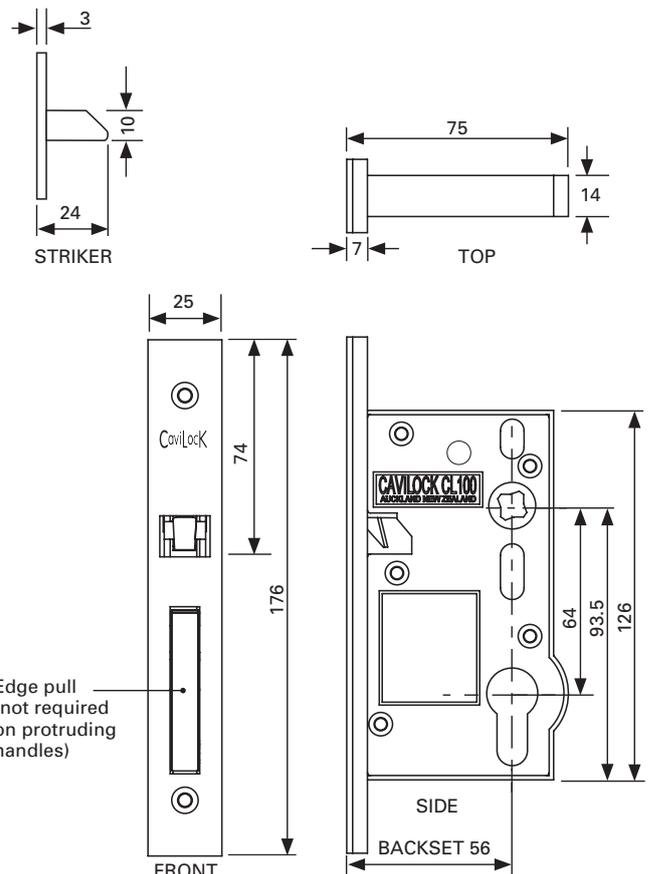


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Suggested Selection Procedure

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1 Select door furniture	3-6
eg. Flush Turn	
2 Select finish	Satin Chrome (SCP) Polished Brass (PB)
eg. SCP	
3 Check functionality	7-11
eg. Latching with key locking	

Dimensions

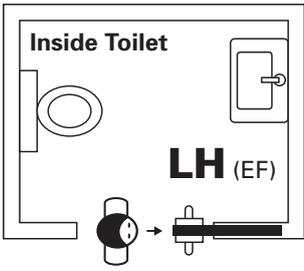


Construction

- Case:** Diecast Zinc
- Faceplate & striker:** Brushed Stainless Steel or Brass (depending on finish required)
- Internal parts:** Bronze/Brass
- Screws, springs etc:** Stainless Steel/Steel

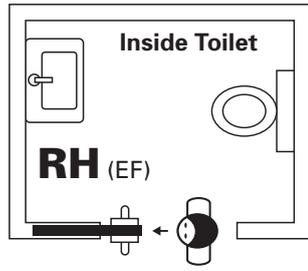
NOTE:
Not suitable for use in highly corrosive environments such as near the coast or swimming pools etc.

Handing



When standing looking into the cavity pocket, if the locking snib is on your **left hand** side then the **LaviLock** is a Left Hand lock.

EF = Exit Free: the handle on the **inside** remains unlocked even when in locked position.



When standing looking into the cavity pocket, if the locking snib is on your **right hand** side then the **LaviLock** is a Right Hand lock.

Spindles

The **CL100** is manufactured to accept square spindles (single or split) of 7.62mm (0.3"). The drive socket can be one of the following:

- **SQUARE:** Most suited to flush type furniture which do not have their own return springs
- /■ **SPLIT: Square/Square**
- /■ **SPLIT: Star/Square**
- **STAR:** Most suited to lever type furniture with return springs.
- /■ **SPLIT: Star/Star**

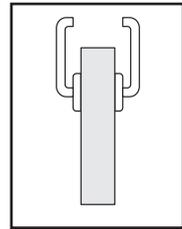
Furniture Options

CL100 Lever™

This is the most common commercial side handle fitted to the CL100 Mortice Lock. It is robust, strong and has a commercial look that matches other handles and locks in most applications.

The vertical lever grip enables a positive pull action on even the heaviest doors.

Other lever and rose hardware may be fitted to the side of the CL100 Mortice Lock. Please contact CaviLock for information on which handles are applicable.



Symbol used in lock configuration options

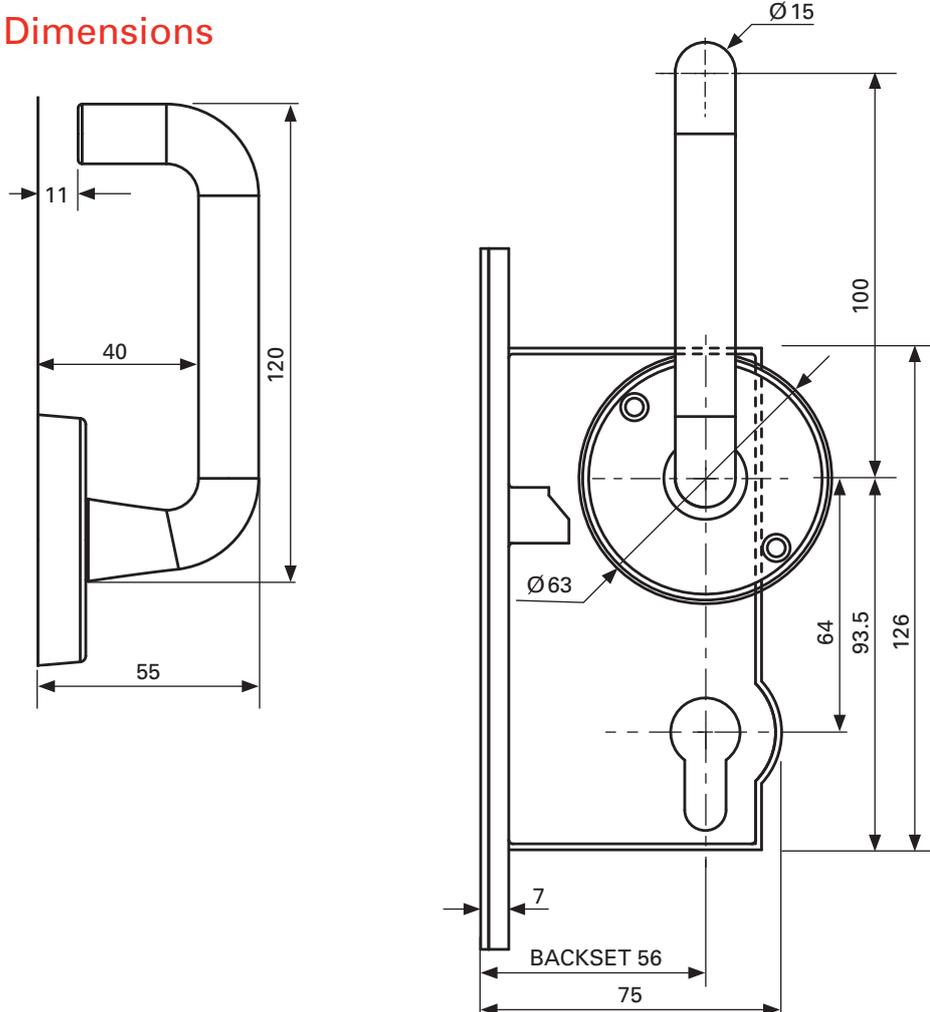


↑ CL100 Lever with Key Locking.



↑ CL100 Lever with Turn.

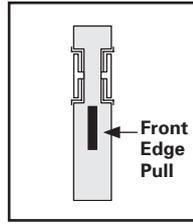
Dimensions



© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.

CL100 FlushTurn™

The **CL100 FlushTurn** is a high quality brass component that matches other circular hardware currently available for hinged doors, but is specifically designed for sliding doors.



Symbol used in lock configuration options

The shallow fitting depth and positive feel to the turn make this a popular side handle for both latching and non latching applications. When combined with the CL100 Mortice Lock and euro profile cylinder it makes for a great looking medium security option.

Requires minimum door thickness of 37mm.

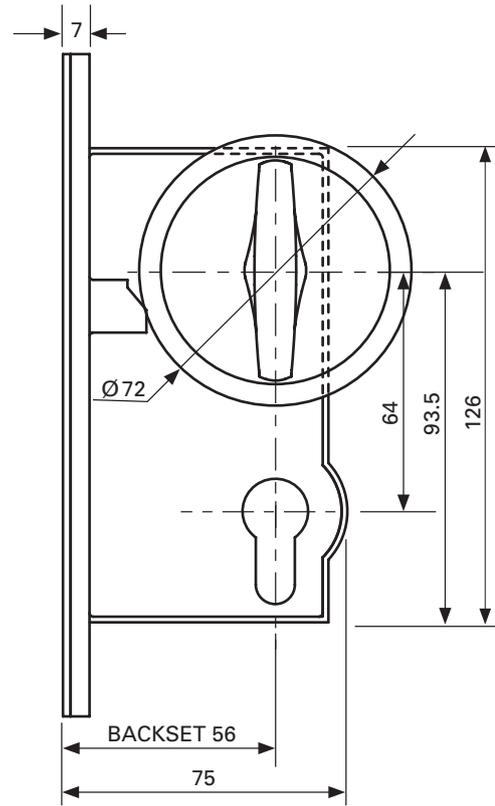


FlushTurn on CS NewYorker.



CL100 Flush Turn with key.

Dimensions

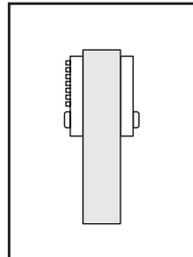


© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.

CL100 DigiLock™

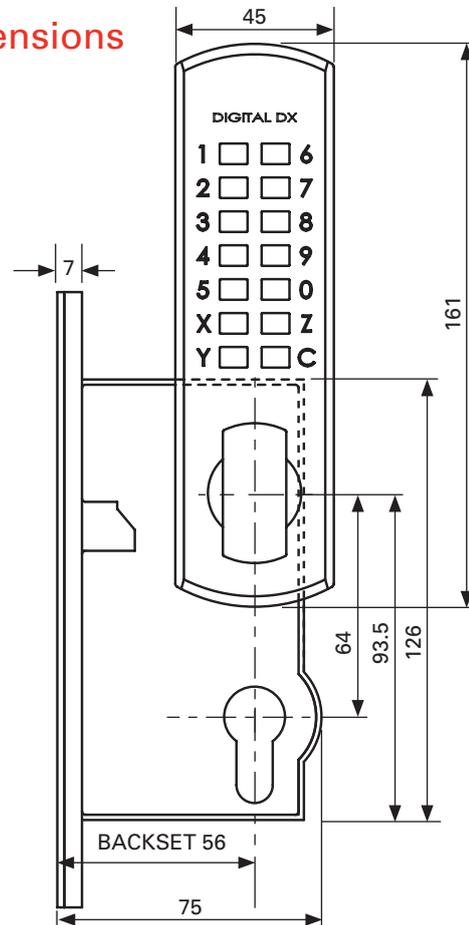
By taking our standard **CL100 Mortice** and adding the functionality of a **Digital Lock**, we can offer customers high security that is upgradeable (by changing pin numbers) and dependable.

This lock can be set to "slam lock" which means every time the door is closed it is locked and requires pin code access to open. There is an added function of dual security - this lock can be supplied with pin code + key access, meaning you need both access passes to get in.



Symbol used in lock configuration options

Dimensions



© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.



CL100 DigiLock with key locking.



CL100 DigiLock front and back face.

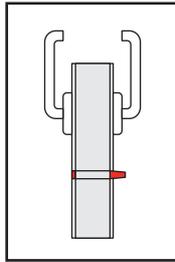
CL100 LaviLock™

The **CL100 LaviLock** is a disabled access lockset designed with ease of use and longevity of service in mind. The brass and stainless steel working components ensure reliability as well as resisting the outdoor environment they are often installed into.*

Easy to read **“Vacant / In Use”** lettering and ‘fail safe’ Exit Free functionality ensure the lock complies with disabled egress requirements when fitted to a 910mm wide cavity sliding door. The LaviLock is supplied as a complete set including:

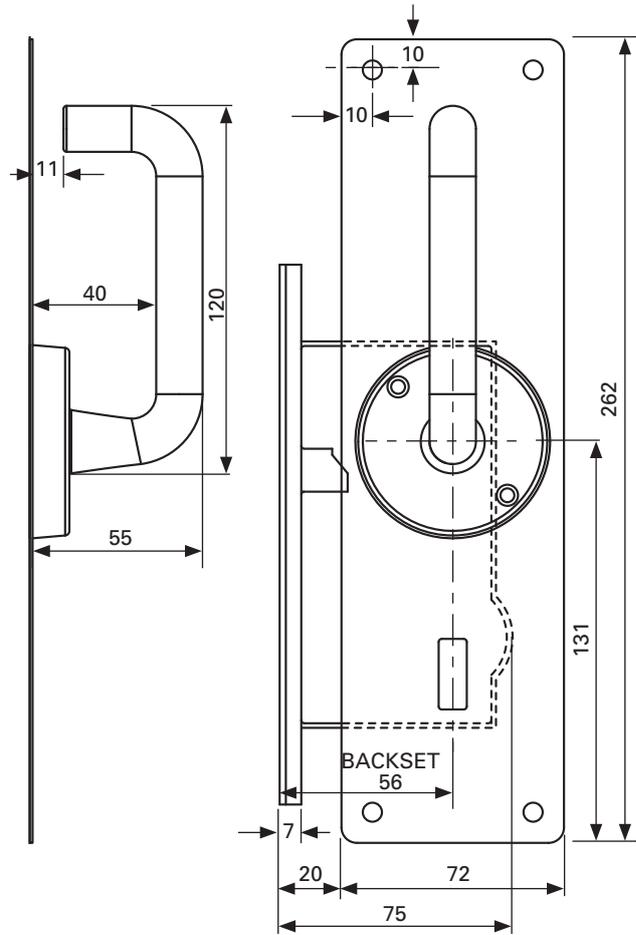


- ▮ Lever Handles
- ▮ Stainless Steel Indication Plates
- ▮ Slide Locking Buttons including Emergency Release
- ▮ CL100 Mortice Lock Case



Symbol used in lock configuration options

Dimensions



© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.

IMPORTANT: To be council compliant, the Lever/Lever option must be used and the door needs to be a minimum of 910mm to allow minimum clear walk through of 760mm.



↑ ‘Vacant/In Use’ indicator plate on outside door face with Emergency Release.



↑ Easy to use ‘Unlock/Lock’ lever on inside door face.

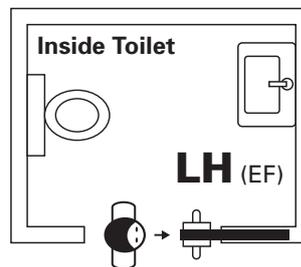


↑ CL100 LaviLock fitted to CS NewYorker glazed aluminium door.

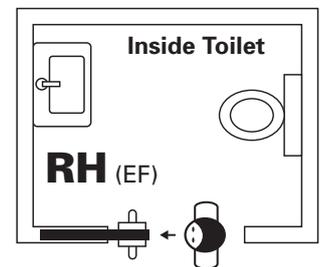


↑ Also available with a circular flush turn on the outside (for surface sliding doors).

Handing



When standing looking into the cavity pocket, if the locking snib is on your **left hand** side then the **LaviLock** is a Left Hand lock.



When standing looking into the cavity pocket, if the locking snib is on your **right hand** side then the **LaviLock** is a Right Hand lock.

EF = Exit Free: the handle on the **inside** remains unlocked even when in locked position.

EXIT FREE FUNCTION:
To unlock the door, simply pull on the lever handle to unlock and unlatch the LaviLock in one smooth action.

*If LaviLock is to be installed into areas where there is exposure to corrosive environments, e.g. high chlorine or salt concentration, contact CS for an appropriate solution.

CL100 Louise™

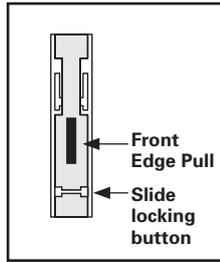
The **Louise** range of door hardware is specifically designed to work with the **CL100 Mortice Lock**. It can be factory fitted to our **CS NewYorker** glazed doors or **CS AluTec** aluminium doors.

The 190mm long face plates of the Louise can be the same on each side of the door or different, depending on the configuration required.

The Louise can be set up as latching only, security with key access or for privacy (such as a bathroom) there are many options available.

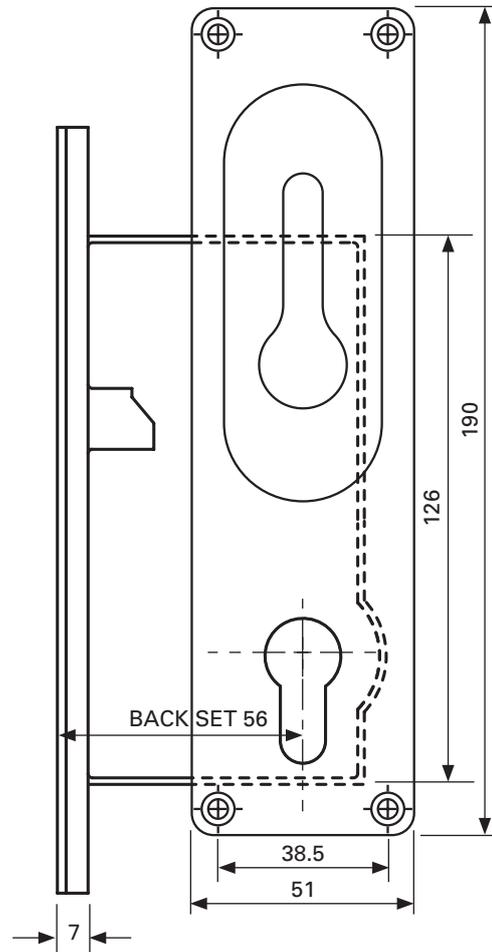
Requires minimum door thickness of 37mm.

Finishes available: SCP or PB.



Symbol used in lock configuration options

Dimensions



© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.



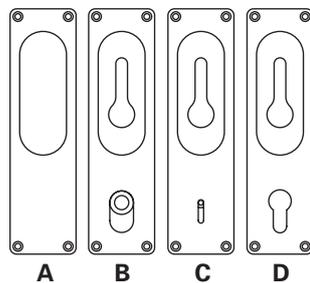
↑ Satin chrome key locking Louise on CS NewYorker door.



↑ Satin chrome Louise with slide locking on CS AluTec door.

Each Louise plate has a recessed side pull with a lever if required to release the latch. The bottom half has one of the following:

- A Plain finished plate
- B Slide locking button
- C Emergency release
- D Euro Cylinder



Edge Pulls

All **CL100** lock cases come with the option of a built-in flush **Front Edge Pull** in either Stainless Steel or Brass. This edge pull is designed for use on doors which slide completely inside a cavity wall.



I1000 Louise Range (Face Plate Only Codes)

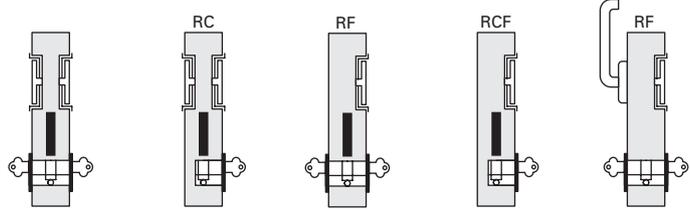


SCP	CL100 I +	1000	1001	1002	1003	1004	1005
PB	CL100 I +	2000	2001	2002	2003	2004	2005

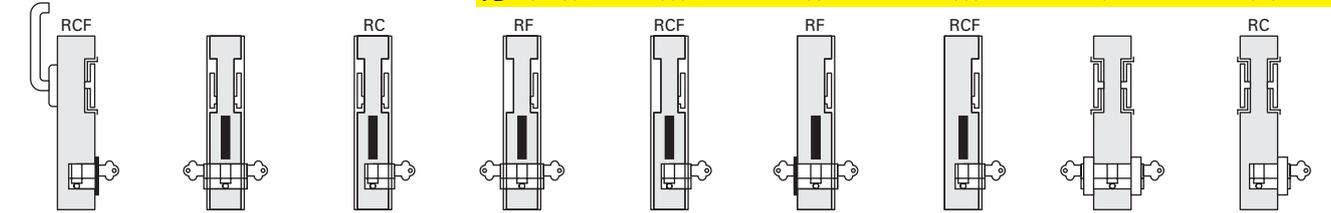
A1000 Cylinder locking locks both handles at once

- Square drive single spindle
- Latching and locking case
- Case not handed

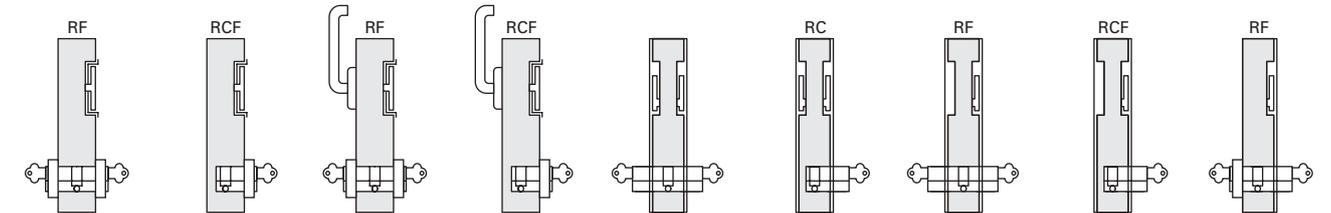
Case Code (SCP) CL100 A 1000
 Case Code (PB) CL100 A 1001
 With Edge Pull (SCP) CL100 A 1002
 With Edge Pull (PB) CL100 A 1003



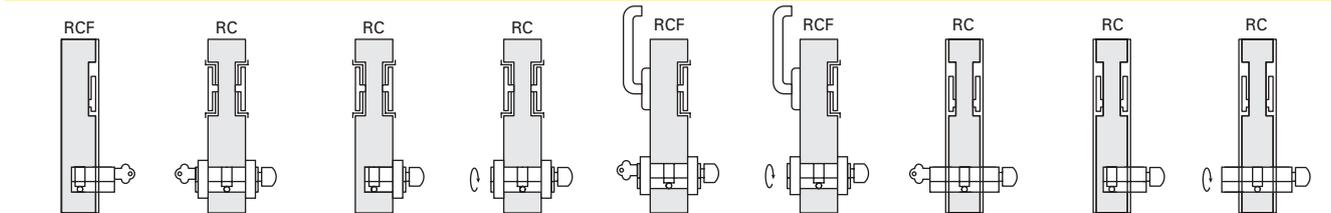
SCP CL100 A +	1004	1006	1008	1010	1012
PB CL100 A +	1005	1007	1009	1011	1013



1014	1016	1018	1020	1022	1024	1026	1028	1030
1015	1017	1019	1021	1023	1025	1027	1029	1031



1032	1034	1036	1038	1040	1042	1044	1046	1048
1033	1035	1037	1039	1041	1043	1045	1047	1049

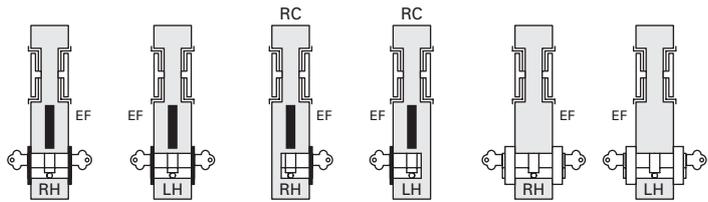


1050	1052	1054	1056	1058	1060	1062	1064	1066
1051	1053	1055	1057	1059	1061	1063	1065	1067

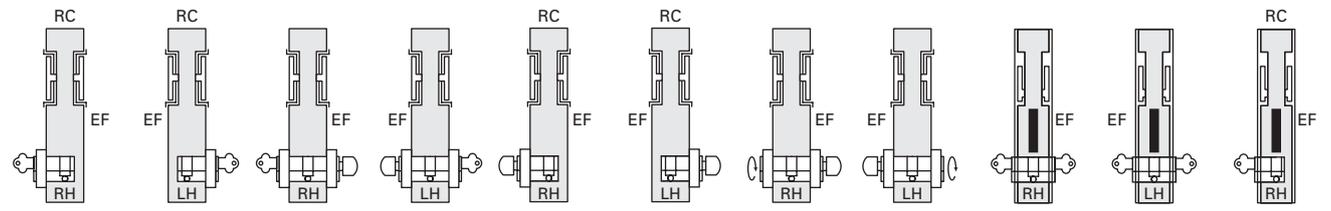
A2000 Cylinder locking locks only one handle (EF)

- Latching and locking case
- Square/square drive split spindle
- Case handed

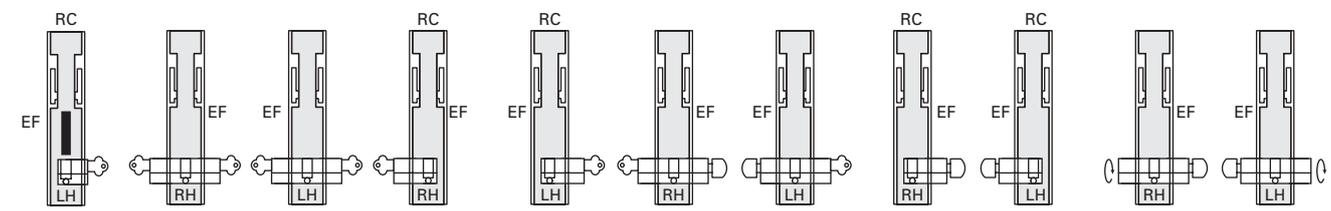
Case Code (SCP) LH CL100 A 2000 RH CL100 A 2001
 Case Code (PB) LH CL100 A 2002 RH CL100 A 2003
 With Edge Pull (SCP) LH CL100 A 2004 RH CL100 A 2005
 With Edge Pull (PB) LH CL100 A 2006 RH CL100 A 2007



SCP CL100 A +	2008	2010	2012	2014	2016	2018
PB CL100 A +	2009	2011	2013	2015	2017	2019



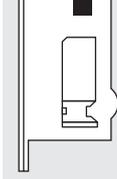
2020	2022	2024	2026	2028	2030	2032	2034	2036	2038	2040
2021	2023	2025	2027	2029	2031	2033	2035	2037	2039	2041



2042	2044	2046	2048	2050	2052	2054	2056	2058	2060	2062
2043	2045	2047	2049	2051	2053	2055	2057	2059	2061	2063

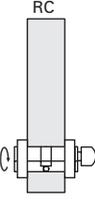
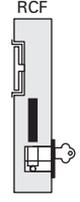
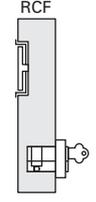
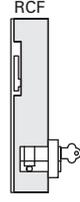
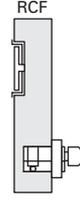
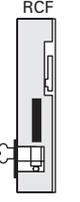
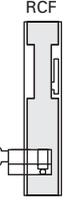
RCF = Reversible cylinder and furniture RF = Reversible furniture RC = Reversible cylinder EF = Exit free RH = Right hand LH = Left hand

A3000 Cylinder and/or spindle operated locking

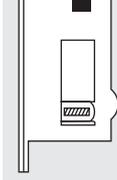


- ▀ Square drive single spindle
- ▀ Case not handed
- ▀ Always locked when key removed

Case Code (SCP)	CL100 A 3000								
Case Code (PB)	CL100 A 3001								
With Edge Pull (SCP)	CL100 A 3002	SCP	CL100 A +	3004	3006	3008	3010	3012	
With Edge Pull (PB)	CL100 A 3003	PB	CL100 A +	3005	3007	3009	3011	3013	

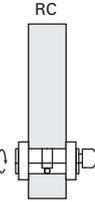
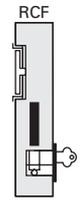
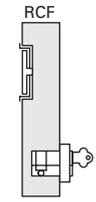
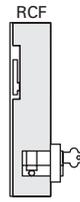
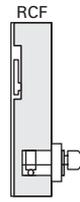
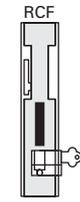
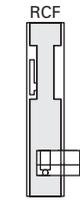
								
3014	3016	3018	3020	3022	3024	3026	3028	3030
3015	3017	3019	3021	3023	3025	3027	3029	3031

A4000 Cylinder and spindle operated unlatching

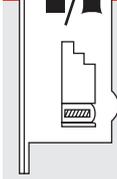


- ▀ Square drive single spindle with latch hold up function
- ▀ Case not handed

Case Code (SCP)	CL100 A 4000								
Case Code (PB)	CL100 A 4001								
With Edge Pull (SCP)	CL100 A 4002	SCP	CL100 A +	4004	4006	4008	4010	4012	
With Edge Pull (PB)	CL100 A 4003	PB	CL100 A +	4005	4007	4009	4011	4013	

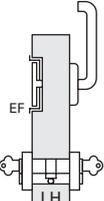
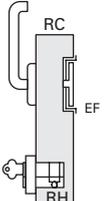
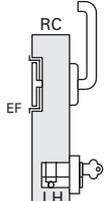
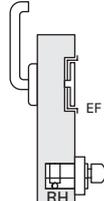
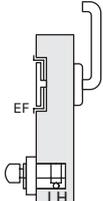
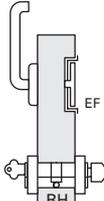
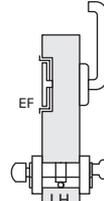
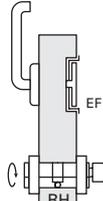
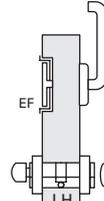
								
4014	4016	4018	4020	4022	4024	4026	4028	4030
4015	4017	4019	4021	4023	4025	4027	4029	4031

A5000 Cylinder locking locks only one handle (EF)



- ▀ Square/Star drive split spindle
- ▀ Latching and locking case
- ▀ Case handed

Case Code (SCP)	LH CL100 A 5000	RH CL100 A 5001							
Case Code (PB)	LH CL100 A 5002	RH CL100 A 5003							
	SCP	CL100 A +	5004	5006	5008	5010	5012		
	PB	CL100 A +	5005	5007	5009	5011	5013		

								
5014	5016	5018	5020	5022	5024	5026	5028	5030
5015	5017	5019	5021	5023	5025	5027	5029	5031

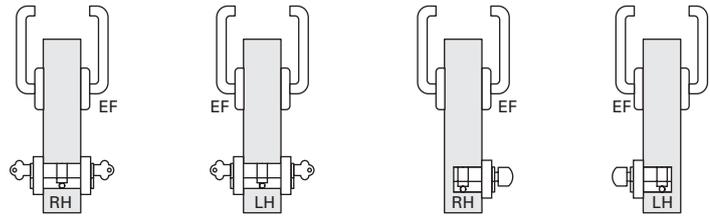
RCF = Reversible cylinder and furniture RF = Reversible furniture RC = Reversible cylinder EF = Exit free RH = Right hand LH = Left hand

A6000 Cylinder locking locks only one handle (EF)

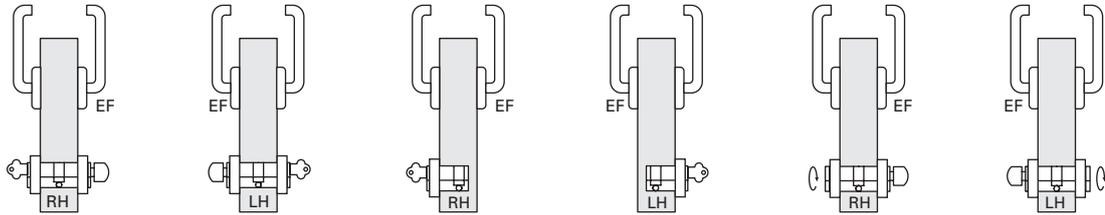


- Star/Star drive split spindle
- Latching and locking case
- Case handed

Case Code (SCP) LH CL100 A 6000 RH CL100 A 6001
Case Code (PB) LH CL100 A 6002 RH CL100 A 6003

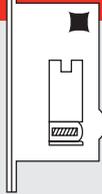


SCP	CL100 A +	6004	6006	6008	6010
PB	CL100 A +	6005	6007	6009	6011



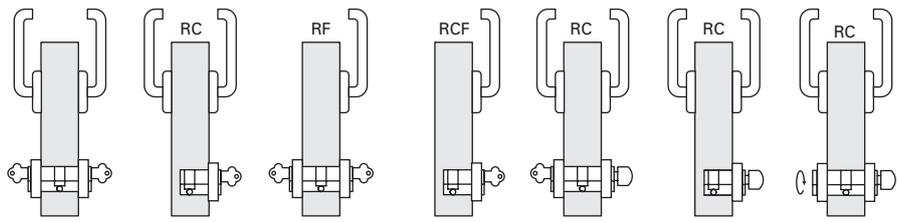
6012	6014	6016	6018	6020	6022
6013	6015	6017	6019	6021	6023

A7000 Cylinder locking locks both handles at once



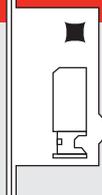
- Star drive single spindle
- Latching and locking case
- Case not handed

Case Code (SCP) CL100 A 7000
Case Code (PB) CL100 A 7001



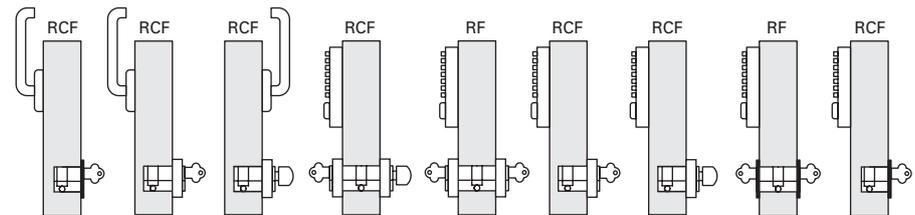
SCP	CL100 A + 7002	7004	7006	7008	7010	7012	7014
PB	CL100 A + 7003	7005	7007	7009	7011	7013	7015

A8000 Cylinder and/or spindle operated unlatching



- Star drive single spindle
- Case not handed

Case Code (SCP) CL100 A 8000
Case Code (PB) CL100 A 8001



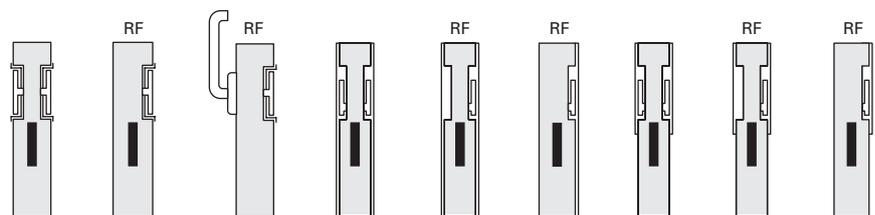
SCP	CL100 A + 8002	8004	8006	8008	8010	8012	8014	8016	8018
PB	CL100 A + 8003	8005	8007						

A9000 Latching only case



- Square drive single spindle
- Latching only case
- Case not handed

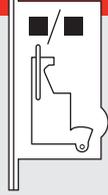
Case Code (SCP) CL100 A 9000
Case Code (PB) CL100 A 9001
With Edge Pull (SCP) CL100 A 9002
With Edge Pull (PB) CL100 A 9003



SCP	CL100 A + 9004	9006	9008	9010	9012	9014	9016	9018	9020
PB	CL100 A + 9005	9007	9009	9011	9013	9015	9017	9019	9021

RCF = Reversible cylinder and furniture RF = Reversible furniture RC = Reversible cylinder EF = Exit free RH = Right hand LH = Left hand

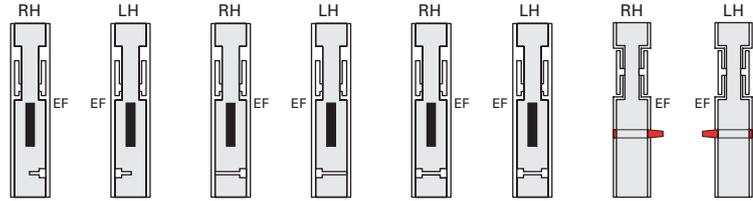
B1000 Exit Free with single action unlocking



- Square/Square drive split spindle
- Latching and non cylinder locking case
- Emergency release
- Case handed

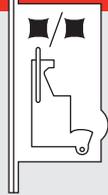
Vacant/ In Use Indication

Case Code (SCP) LH= CL100 B 1000 RH= CL100 B 1001
 Case Code (PB) LH= CL100 B 1002 RH= CL100 B 1003
 With Edge Pull (SCP) LH= CL100 B 1004 RH= CL100 B 1005
 With Edge Pull (PB) LH= CL100 B 1006 RH= CL100 B 1007



SCP	CL100 B +	1008	1010	1012	1014	1016	1018	1020	1022
PB	CL100 B +	1009	1011	1013	1015	1017	1019	1021	1023

B3000 Latching and privacy locking CL100 LaviLock™

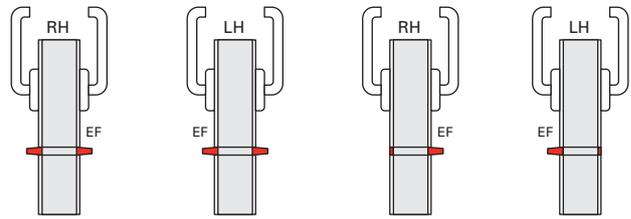


- Star/Star drive split spindle
- Exit Free
- Vacant/In Use indication
- Single action unlocking
- Emergency release
- Case handed

Door can be unlocked from both sides, e.g. hospital wards

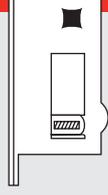
Standard LaviLock

Case Code (SCP) LH= CL100 B 3000 RH= CL100 B 3001
 Case Code (PB) LH= CL100 B 3002 RH= CL100 B 3003



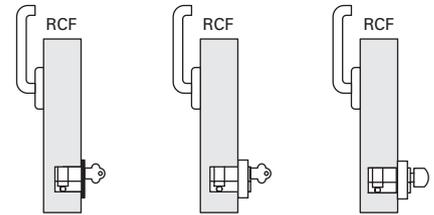
SCP	CL100 B +	3004	3006	3008	3010
PB	CL100 B +	3005	3007	3009	3011

B4000 Cylinder and/or spindle operated unlatching



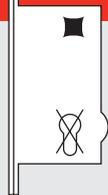
- Star drive single spindle with latch hold up function
- Case not handed

Case Code (SCP) CL100 B 4000
 Case Code (PB) CL100 B 4001



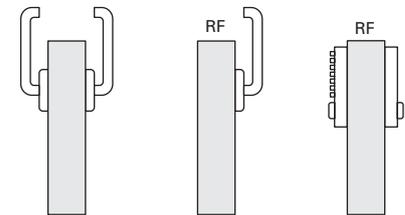
SCP	CL100 B +	4002	4004	4006
PB	CL100 B +	4003	4005	4007

B5000 Latching only case - Case not handed



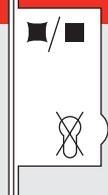
- Star drive single spindle
- Latching only case
- Case not handed

Case Code (SCP) CL100 B 5000
 Case Code (PB) CL100 B 5001



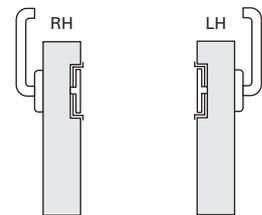
SCP	CL100 B +	5002	5004	5006
PB	CL100 B +	5003	5005	

B6000 Latching only case - Case handed



- Star/Square drive split spindle
- Latching only case
- Case handed

Case Code (SCP) LH= CL100 B 6000 RH= CL100 B 6001
 Case Code (PB) LH= CL100 B 6002 RH= CL100 B 6003



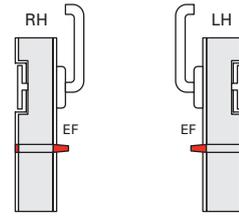
SCP	CL100 B +	6004	6006
PB	CL100 B +	6005	6007

B7000 Latching and privacy locking CL100 LaviLock™



-  Star/Square drive split spindle
-  Single action unlocking
-  Vacant/In Use indication
-  Exit Free
-  Emergency Release
-  Case handed

For Surface Sliding Doors



Case Code (SCP) LH= CL100 B 7000 RH= CL100 B 7001
 Case Code (PB) LH= CL100 B 7002 RH= CL100 B 7003

SCP	CL100 B +	7004	7006
PB	CL100 B +	7005	7007

EuroCylinder

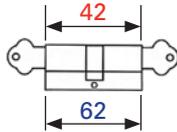
The CaviLock CL100 will accept 'Standard' and 'Security' Europrofile type cylinders. The combinations in stock cover 3, 5 and 6 pin options with **Key/Key**, **Key/Turn** and **Turn/Emergency** as well as single cylinder options with **Key Only** or **Turn Only**. The 3 pin cylinders are ideal for flush handle situations because of their 42mm finished width.

All cylinders are constructed from extruded brass with stainless steel springs and in the 5 and 6 pin options, come as standard with grub screws at the base of the cylinder enabling easy re-pinning.

Available in true Satin Chrome finish, Brass and Oil Rubbed Bronze (3 pin only).

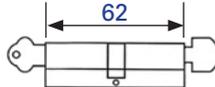
Double Cylinder

- 3 Pin Brass KD CL100 F 4004
- 3 Pin SCP KD CL100 F 4016
- 5 Pin Brass KD CL100 F 2005
- 5 Pin SCP KD CL100 F 2060



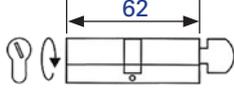
Cylinder/Turn

- 5 Pin Brass KD CL100 F 2007
- 5 Pin SCP KD CL100 F 2062



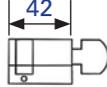
Emergency/Turn

- 5 Pin Brass CL100 F 2009
- 5 Pin SCP CL100 F 2064



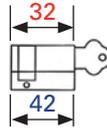
Single Turn 5 Pin Body

- Brass CL100 F 2008
- SCP CL100 F 2063



Single Cylinder

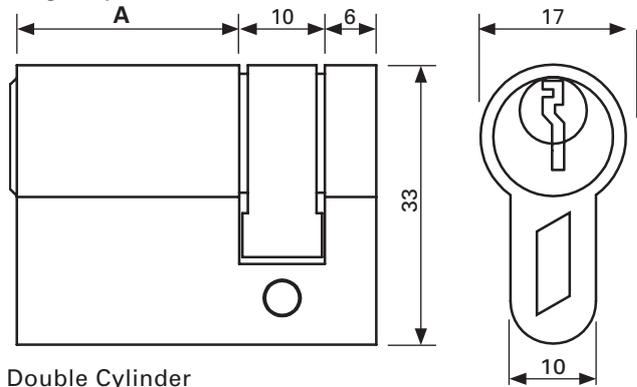
- 3 Pin Brass KD CL100 F 4005
- 3 Pin SCP KD CL100 F 4017
- 5 Pin Brass KD CL100 F 2006
- 5 Pin SCP KD CL100 F 2061



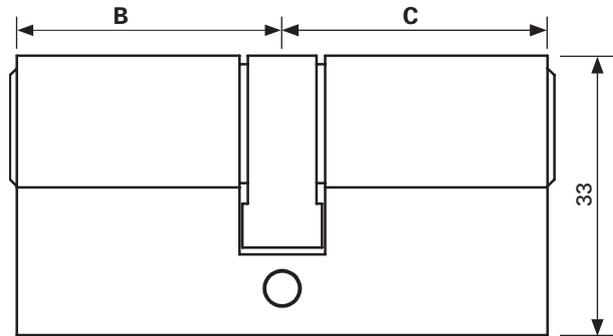
Note: The 3 and 5 pin cylinders are standard to the CL100 configurations in keyed to differ (KD). If 6 pin cylinders or keyed alike cylinders (KA) are required, please specify at time of ordering.

Dimensions

Single Cylinder



Double Cylinder



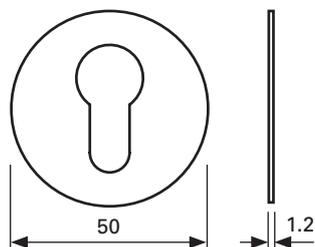
© Cavity Sliders Limited. Drawings are not to scale. All dimensions are in mm.

Cylinder Dimensions

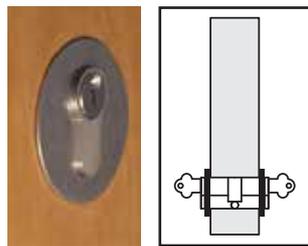
	Single (A + 16)	Double (B + C)
3 pin	16 + 16 = 32	3 pin 21 + 21 = 42
5 pin	26 + 16 = 42	5 pin 31 + 31 = 62
6 pin	35 + 16 = 51	6 pin 35 + 35 = 70

Escutcheons

Flat

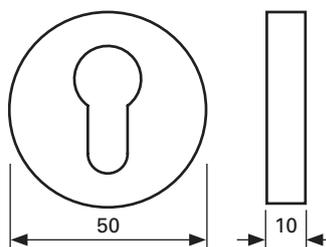


Finish code SCP CL100 E 1000
PB CL100 E 1001

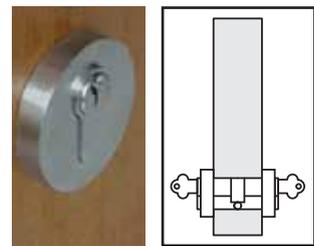


Symbol used in lock configuration options

Raised



Finish code SCP CL100 E 1002
PB CL100 E 1003



Symbol used in lock configuration options

Glossary of Terms

Cylinder Locking

The CL100 accepts standard and security euro profile type cylinders in 3, 5 and 6 pin configurations.

Emergency Release

In case of emergency, door can be unlocked with the edge of a coin or similar.

Escutcheon

A shield fixed to a surface of a door, primarily to protect the door from wear or damage from continued insertion of the key.

Exit Free (EF)

Even when in the locked position, the handle on the *inside* remains unlocked.

Edge Pull

Front edge pull to retrieve doors which slide completely inside a cavity pocket.

Flush Turn

Furniture for use on doors which slide completely inside a cavity pocket.

Latching

Door is held closed, but not locked.

Locking

Closed door is made secure with a key.

Spindle

The main rotating part of the lock case. The CL100 accepts square spindles, either single or split of size 7.62mm (0.3"). The latch's drive socket can be either Square, Star, or a split combination of both.

Striker (striking plate)

Plate fixed to the door jamb which the bolt or bolts of a lock or latch engages into.

Turn

Allows a door to be locked with a key from one side and a simple turn from the other. Key and turn cylinders are useful when controlled access is required from one side and easy access from the other.



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