C-1 **ABOUT BROOKLINE 300 SERIES GRADE 1 CYLINDRICAL LOCKS**

DESIGN

- Brookline C300 Series Cylindrical Locks Are Non Handed
- Brookline Cylindrical Locks Include A Cast Stainless Steel Retractor
- Brookline Cylindrical Locks Include Bronze Roller Bearings
- Internal Components Are Manufactured With High-Strength Steel or Stainless Steel For High Durability
- Roses are Manufactured from Brass, Bronze or Stainless Steel Depending on The Finish

PERFORMANCE

- Brookline C300 Series Cylindrical Locks Are Certified to ANSI A156.2 Series-4000- Grade 1
- C300 Series Cylindrical Locks Meets A117.1 And ADA Requirements For Barrier Accessibility
- C300 Cylindrical Locks with 1/2" Throw Latchbolts Are Listed For A Label And Lesser Class Single Doors 4" x 8"
- C300 Cylindrical Locks with 3/4" Throw Latchbolts Are Listed For A Label And Lesser Class Double Doors 4" x 10"

SAFETY

- Brookline Cylindrical Locks Are California State Fire Marshal (CSFM) Approved Stare Reference Code 1989

INSTALLATION

- Brookline C300 Cylindrical Locks Are Designed For Fast and Secure Installation
- Brookline Rose Assemblies Through Bolts Through The Door For Extra Strength and Proper Alignment
- Brookline C300 Cylindrical Locks Are Non Handed And Easily Reversible
- Brookline Cylindrical Locks Are Supplied With Small Format Interchangeable Core To Make Cylinder Removal Quick
- The Inside Rose Mechanically Snaps to The Lock Chassis For a Secure Fit
- C300 Cylindrical Locks Fit a Standard ANSI 161 Prep

SUGGESTED SPECIFICATION

- All Cylindrical Locks Shall Have a Cast Stainless Steel Retractor
- All Cylindrical Locks Shall Have an Internal Dead Stop to Prevent Lever Sag and Over Turning
- All Cylindrical Locks Shall Be Supplied With Small Format Removable Core 6 or 7 Pin
- All Cylindrical Locks Shall Use Bronze Bearings Internally
- All Cylindrical Locks Shall Meet The Requirements of "The "Buy America Act"

VARIATIONS OF CYLINDRICAL LOCKS

NON KEYED CYLINDRICAL LOCKS

- Used for closets and non critical doors

- Maintains UL Label when latched

- Egress Side Always Free, Both sides on Passage Lock

- Privacy lock allows emergency entry from locked side

KEYED CYLINDRICAL LOCK (Cylinder One Side)

- Used for interior door that need to have restricted access by key or by access system

- Maintains UL Label when latched and or latched and locked

- Egress side aways free,

- Outside trim can remain locked or be unlocked with by key or button, depending on function

- Latchbolt locked by auxillary deadlatch

- Lock can accept 6 Pin or 7 Pin Small Format Interchangeable Core

- Inside Trim Always Free

DOUBLE SIDED KEYED CYLINDRICAL LOCK (Cylinder Two Sides)

- Used for interior door or exterior doors that require higher level of security

- Maintains UL Label when latched and / or latched and locked

- On Some Functions, The Inside Lever or Knob Can Be Locked. Please Be Aware of Life Safety Considerations

- Trim can be locked, fixed, or communicating depending on function

NON FUNCTIONAL TRIM

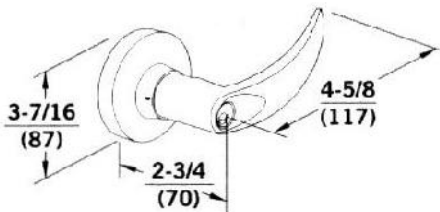- Used For Decorative Purposes

- Can be used as a pull

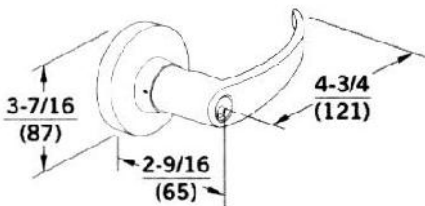**C300 Series**
60 Series Lever
Grade 1
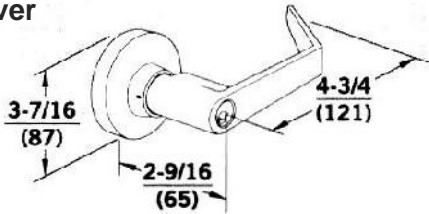
Standard Finishes: 619, 626
Special Order Only: 605, 606, 613,625

C300 Series
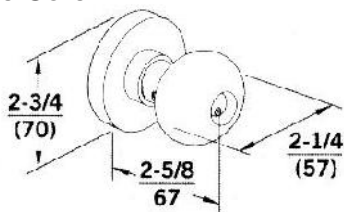**70 Series Lever**
Grade 1

Standard Finishes: 619, 626
Special Order Only: 605, 606, 613,625
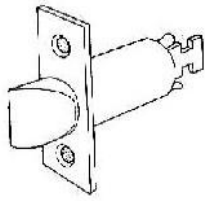
C300 Series
71 Series Lever
Grade 1

Standard Finishes: 619, 626
Special Order Only: 605, 606, 613,625

C300 Series
01 Series Knob
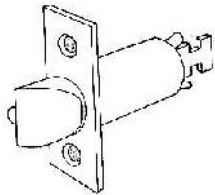Interchangeable Core
Grade 1

Standard Finishes: 630

TECHNICAL DETAILS LATCHES AND STRIKES

C102
2-3/8
Springlatch
1-1/8" x 2-1/4" Face
1/2"(12.7mm) Throw

C110
Link
5"(127mm)
Extends 2-3/4
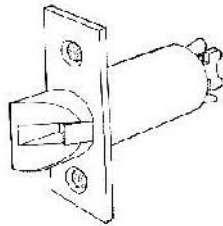Springlatch to
5" Backset

C103
2-3/8
Deadlatch
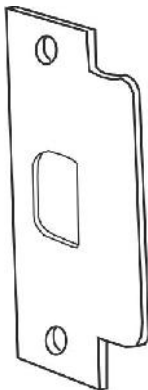1-1/8" x 2-1/4" Face
1/2"(12.7mm) Throw
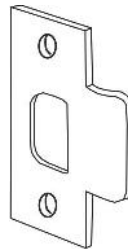
C111
Link
5"(127mm)
Extends 2-3/4
Deadlatch to
5" Backset

C105
2-3/4
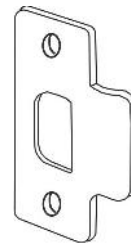**Deadlatch**
1-1/8" x 2-1/4" Face
3/4"(19mm) Throw

C122
ANSI 1-1/4" x 4-7/8'
Curved Lip Strike
1-1/8 Lip
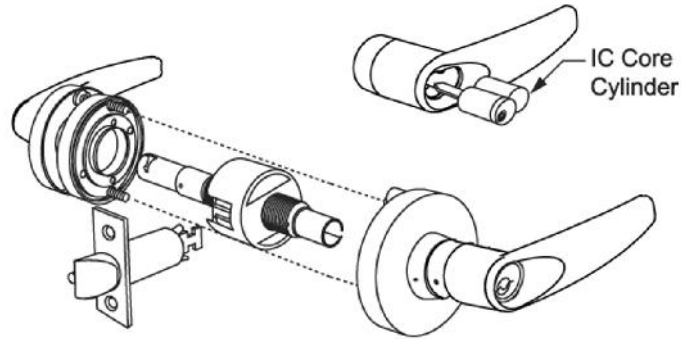Includes Strike Box

C123
1-1/8" x 2-3/4'
T-Strike
1-1/8 Lip

C124
1-1/8" x 2-3/4'
T-Strike
Radius Corner
1-1/8 Lip

EXPLODED VIEWS AND HOW TO ORDER   **C-5**

C300 Series Lever
(Exploded View)

IC Core Cylinder

C300 Series Knob
(Exploded View)

IC Core Cylinder
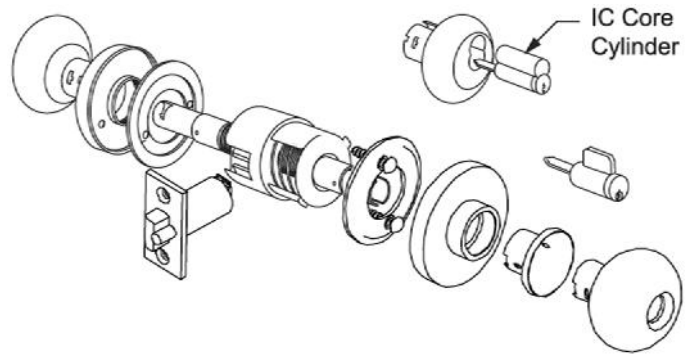
Trim Information (Rose For Knobs And Levers)

Type	Lock Style	Dimension
Rose	Levers	Diameter 3-7/16" (87mm)
	Knobs	Diameter 2-3/4" (70mm)

Technical Note: Knob Locks Do Not Through Bolt Through The Door. Please Verify The Template Before Machining The Door

NSO: Non Standard Options

- Door Thickness Over 1-3/4"(44.5mm)
- Strike other that standard ANSI 4-7/8"
- Anti Microbial Coating
- Tactile Warning
- Special Keying

How To Order Cylindrical Locks

C380 L70 IC6 630 C122 C391 NSO

Lock Model No
Lever Design
Cylinder Type
Finish
Latchbolt
Strike
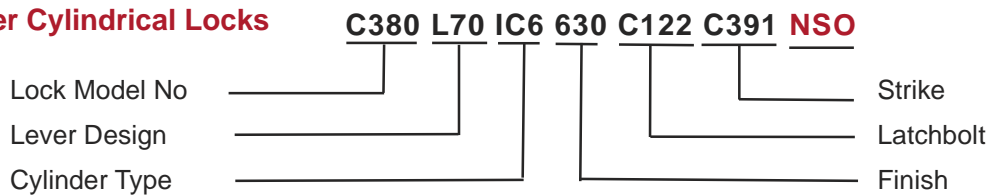
NSO Non Standard Options: Door Thickness Over 1-3/4", Strike Type and Lip Length. See Chart Above

Electrified Cylindrical Locks

Electrified Cylindrical Locks Are Available in a Wide Variety of Configurations to meet your Access Control and Security Requirements as well as Your Fire Life Safety Considerations. Our Electrified Cylindrical Locks are Available Electrically Locked (Fail Safe) or Electrically Unlocked (Fail Secure) With any Combination listed below. Please see our explanations

EL Electrically Locked (Fail Safe)

* Outside Trim Locked When Power Applied.
* Outside Trim Unlocked When Power Removed.
* Latch by Key Outside.
* Inside Always Free

EU Electrically Unlocked (Fail Secure)

* Outside Trim Unlocked When Power Applied.
* Outside Trim Locked When Power Removed.
* Latch by Key Outside.
* Inside Always Free

E300 Series
Electrified Cylindrical Locks

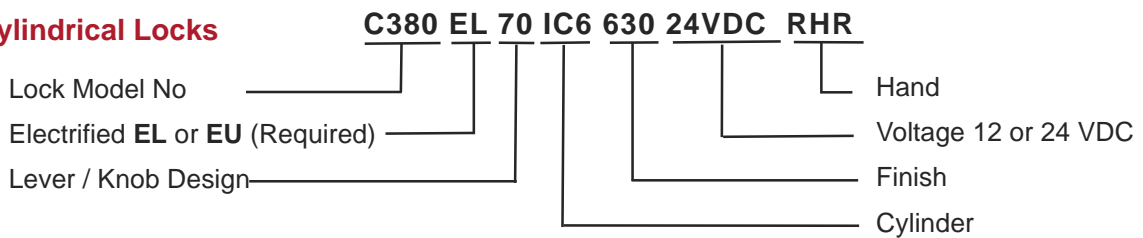**UL Listed**
Multi Voltage
Continuous Duty
Solenoid
12 / 24 VDC
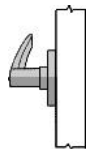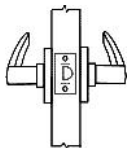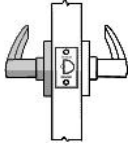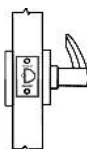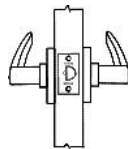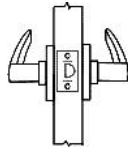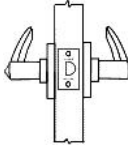
c **UL** us
LISTED

For Finishes See Page 3

How To Order
Electrified Cylindrical Locks

C380 EL 70 IC6 630 24VDC RHR

Lock Model No

Electrified **EL** or **EU** (Required)

Lever / Knob Design

Hand

Voltage 12 or 24 VDC

Finish

Cylinder

BROOKLINE
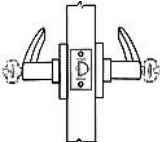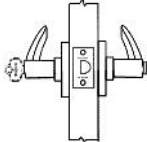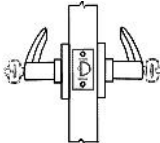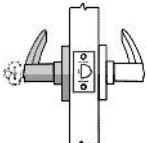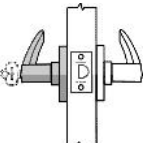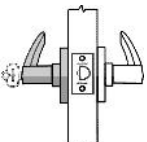
Model No (ANSI No)	Description	Function	Outside / Inside C-7
C301	Single Dummy Trim	• Single Sided Trim / Matching Pair or Pull	
C310 (F75)	Passage	• Latch By Trim Either Side	
C323 (F89)	Exit Lock	• Outside Trim Rigid • Inside Trim Always Free • Deadlatch Deadlocks Latchbolt	
C325	Exit Lock Single Side	• Inside Trim Always Free • No Exterior Trim • Deadlatch Deadlocks Latchbolt	
C330 (F77A)	Patio	• Deadlatch By Trim Either Side. • Outside Trim Locked By Push Button Inside. • Outside Trim Unlocked by Inside Trim. • Outside Trim Unlocked by Closing Door. • Inside Trim Always Free.	
C340 (F76A)	Privacy	• Latchbolt By Trim Either Side. • Outside Trim Locked By Pushbutton Inside. • Outside Trim Unlocked By Emergency Release • Outside Trim Unlocked by Inside Trim. • Outside Trim Unlocked by Closing Door. • Inside Trim Always Free.	
C344	Hospital Privacy	• Latchbolt By Trim Either Side. • Outside Trim Locked By Pushbutton Inside. • Outside Trim Unlocked By Emergency Release • Outside Trim Unlocked by Inside Trim. • Outside Trim Unlocked by Closing Door. • Inside Trim Always Free.	

C-8 Model No (ANSI No)	Description	Function	Outside / Inside
C351 (F81)	Entry Lock	• Deadlatch by Trim Either Side, Except When Outside trim Locked by Turn Button Inside. • When Outside Locked Key Outside or Inside Trim Opens Lock • Turn Button Operated Manually. • Inside Always Free.	
C353 (F109)	Entry Lock	• Deadlatch by Trim Either Side, Except When Outside trim Locked by Push of Button Inside. • Key Unlocks Outside Trim and Releases Push Button except When Inside Button is Pushed and Turned. • Inside Trim Releases push Button and Unlocks Outside trim When Button is Pushed. When Button is Push and turned Outside Trim Remains Locked. • Inside Always Free	
C355 (F92)	Service Station Lock	• Deadlatch By Trim Either Side Unless Outside Locked by Key Outside or Push Button Inside. • Outside Knob Unlocked by Key Outside or Inside Trim. • Inside Button Released by Inside trim or Closing Door. • When Inside Slotted Button Pushed and Turned outside Trim Remains Locked. • Inside Always Free	
C360 (F88)	Apartment Lock	• Deadlatch By Trim Either Side Unless Outside Locked by Key Inside. • When Outside Trim Locked, Key Outside Retracts deadlatch. • Deadlatch by Inside Trim. • Inside Trim Always Free	
C366 (F91)	Store Door Lock	• Deadlatch By Trim Either Side • Key From Either Side Locks Inside And Outside Trim.	
C370 (F84)	Classroom Lock	• Deadlatch By Trim Either Side Unless Outside Locked by Key Outside. • Key in Outside Trim Locks or Unlocks Outside Trim. • Deadlatch by Inside Trim Anytime • Inside Trim Always Free.	

BROOKLINE

Model No (ANSI No)	Description	Function	Outside / Inside
C372 (F80)	Communicating Lock	• Deadlatch By Trim Either Side. • Turning Key in Either Trim Independently Locks or unlocks That Trim.	
C373 (F90)	Corridor Lock	• Deadlatch by Trim Either Side, Except When Outside trim Locked by Key in Outside or By Pushbutton Inside. • Key In Outside Trim Locks Unlocks Outside Trim. • Turning Inside Trim Releases Push Button. • Closing Door Restores Push Button and Unlocks Door. • Inside Always Free	
C377 (F110)	Surelock Classroom Intruder Lock	• Deadlatch By Trim Either Side Unless Outside Trim is locked by Key in Inside or Outside Trim. • Inside Trin Retracts Deadlatch and Allows Egress but does Not Unlock Outside Trim. • Inside Always Free	
C380 (F86)	Storeroom Lock	• Deadlatch By Key Outside. • Deadlatch by Inside Trim. • Outside Trim Always locked. • Inside Trim Always Free	
C380EL (Fail Safe)	Electrified Lock Fail-Safe	• Outside Trim Locked When Power Applied • Outside Trim Unlocked When Power Removed. • Key in Outside Trim Permits Entry. • Inside Always Free	
C380EU (Fail Secure)	Electrified Lock Fail-Secure	• Outside Trim Locked When Power Removed. • Outside Trim Unlocked When Power Applied. • Key in Outside Trim Permits Entry. • Inside Trim Always Free.	
C382 (F87)	Institutional Lock	• Deadlatch By Key Either Side Withdraws Latchbolt. • Both Trims Always Locked	