

## rugged yet refined

Designed for industrial, commercial and institutional use, the Yale® 5400LN Series heavy-duty cylindrical lockset offers no compromise when it comes to rugged reliability and performance. With key construction features such as our Free Wheeling lever mechanism, wear-resistant chassis plates, heavy-duty lever return springs and through-bolting, this Grade 1 trendsetter proves time and again why it's the favorite among architects and building owners who demand the highest standard of product quality.

And who says a lockset can't be tough and look good at the same time? The 5400LN features three aesthetic lever designs and a diverse line of eleven architectural finishes, which allow the freedom of enhancing any décor. With a lifetime warranty against lever sag and lever spring breakage, you'll never have to worry about your intended attraction becoming an unintended distraction.

### A.D.A.

The 5400LN meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ANSI 117.1, all requiring ease of accessibility for the handicapped.

### free wheeling lever trim

All 5400LN locking functions feature the



Free Wheeling lever mechanism. When the outside lever is locked, it will rotate freely up and down while remaining securely locked.

### installation

5400LN Series Cylindrical Locks conform to ANSI/BHMA Specifications A156.115 which cover hardware preparations for steel doors and steel frames and A156.115-W which cover hardware preparations for wood doors with wood or steel frames.

### windstorm

Certified (refer to local codes). 5400LN Series can be provided to meet FEMA 320 standards.



Hurricane



Tornado

See page 14 for How to Order .

### knurled designs

Where required by the local authority, 5400LN trim can be knurled to be identifiable to the touch for blind persons. All lever designs in all finishes may be ordered knurled. Only the outside lever will be knurled unless specified otherwise.

### warranty

The 5400LN Series cylindrical lever lock carries a seven-year warranty. Likewise, the 5400LN carries a lifetime warranty against lever sag and lever spring breakage.

### iso 9001

Designed and manufactured under a certified ISO 9001 quality system.

### microshield®

5400LN Series Locks are available with *MicroShield* antimicrobial coating. *MicroShield* is a revolutionary hardware finish coating, using a silver ion based technology, which inhibits the growth of bacteria, algae, yeast, fungus, mold and mildew. The lifetime of the finish to which it is applied. To order, suffix option code "YMS". Available for 626 finish, additional finishes by special application. Contact factory for availability.



Note: *MicroShield* coating may vary finish color from architectural standards. *MicroShield* is not intended as a substitute for traditional infection control programs such as hand hygiene or use of disinfectants. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. Yale makes no representations or warranties, express or implied, as to the efficacy of *MicroShield*.

## contents

Introduction .....	2
Features .....	3
Lever Designs.....	4
Functions .....	5-7
SecureX®.....	8
SecureX® Accessories .....	9
Cylinders .....	10-11
Latchbolts .....	12
Strikes .....	13
Ordering Information.....	14
Sample Specification.....	15

## finishes

ANSI/BHMA Code	Finish Description
605	Bright Brass, Clear Coated
606	Satin Brass, Clear Coated
609	Satin Brass, Blackened, Satin Relieved, Clear Coated
612	Satin Bronze, Clear Coated
613	Dark Oxidized Satin Bronze, Oil Rubbed <sup>1</sup>
613E	Dark Oxidized Satin Bronze - equivalent
616	Satin Bronze, Blackened, Satin Relieved, Clear Coated
619	Satin Nickel Plated, Clear Coated
620	Satin Nickel Plated, Blackened, Satin Relieved, Clear Coated
625	Bright Chrome Plated
626	Satin Chrome Plated
693	Black Painted
722	Black Oxidized Bronze, Oil Rubbed <sup>2</sup>

1. New May 1, 2010
2. Formerly 613 prior to May 1, 2010

## features

### door thickness

Patented (patent no. 6,131,970) door adjustable rose support plates allow the 5400LN to easily adjust to doors from 1-3/4" to 2" thick. It can also be used on 1-3/8" thick doors by adding two spacer plates P/N 14-5401-6644. For 2-1/4" thick doors, please specify door thickness on order.

### ANSI/BHMA

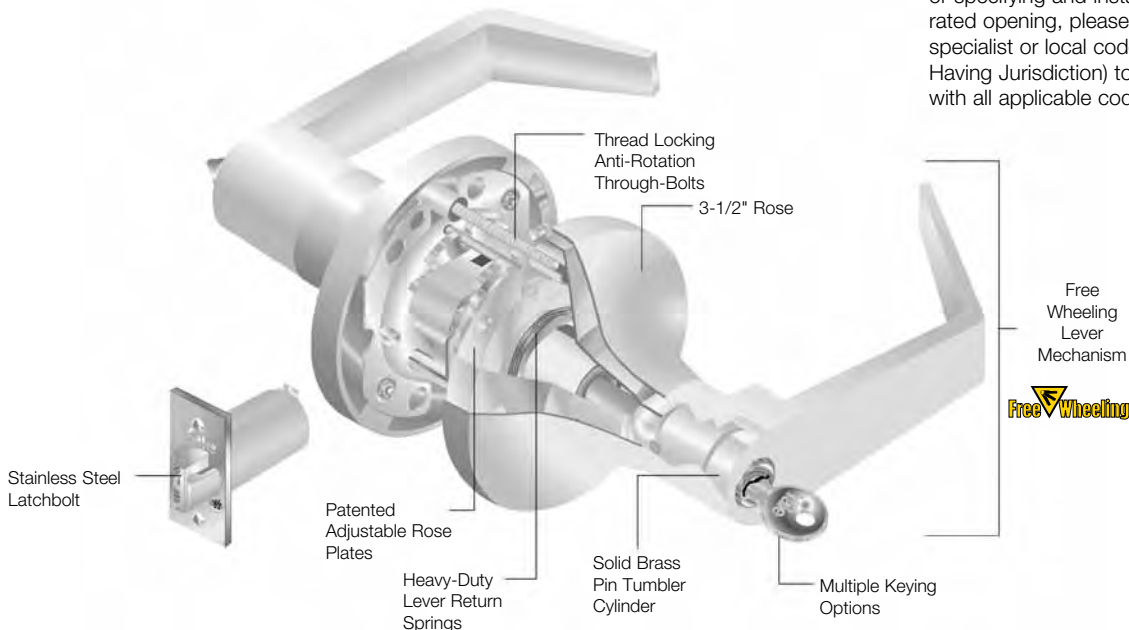
Certified ANSI/BHMA A156.2, Series 4000 Grade 1.



### fire listings

UL - cUL Fire Label for all door functions up to 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.



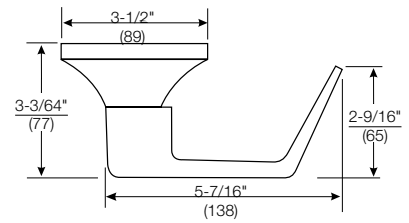
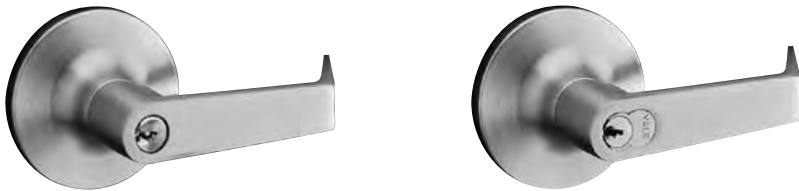
## full-featured grade 1 lever lockset offering

- Free Wheeling lever mechanism increases vandal resistance and reduces the amount of maintenance typically required of locksets with rigid levers.
- 13 finish options.
- 3 lever designs.
- 24 functions including electrified.
- Stainless steel latchbolt provides added strength and wear resistance. Direct 1/2" throw is standard.
- A 3/4" latch throw for fire-rated or pairs of doors is available.
- Wear-resistant plates in the chassis help extend the life of the lockbody and provide smoother lock operation.
- Longer thread locking through-bolts through the chassis provide greater stability and prevent rotation.
- Lifetime warranted heavy-duty lever return springs prevent lever sag and provide positive return of lever to horizontal position.
- Patented (patent no. 6,131,970) door adjustable rose support plates allow for easy adjustment of lockset to fit doors ranging in thickness from 1-3/4" to 2". Rose spacers available for 1-3/8" thick doors.
- Three non-handed lever options (Augusta, Monroe, and Pacific Beach) comply with ADA requirements for easy gripping and operation.
- Expanded cylinder and keying options:
  - Yale® 6- and 7-pin standard and interchangeable core cylinders including Yale® KeyMark® protected keyway cylinders (see page 11).
  - Standard cylinders with Schlage® C and Sargent® LA keyways. Small format interchangeable cores with Best® keyways.
  - Levers which accept interchangeable core cylinders by Best®, Schlage®, ASSA® and Medeco®.
- 3-1/2" roses cover ANSI/BHMA hollow metal door cutout.

lever designs

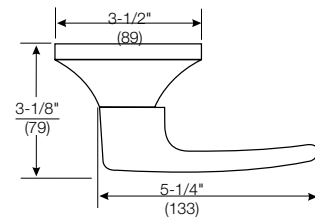
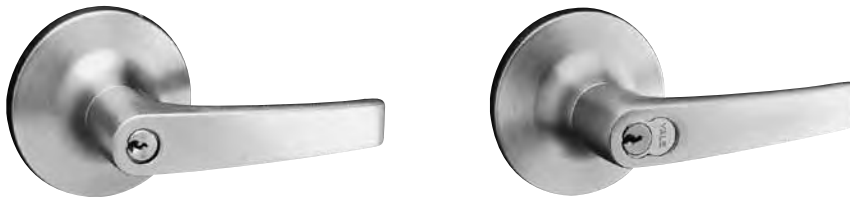
Augusta AU

**Lever:** Cast Zinc  
**Rose:** Cold Forged Brass, Bronze



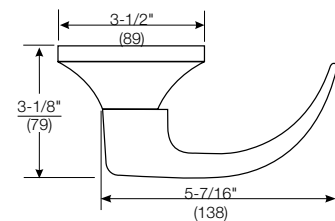
Monroe MO

**Lever:** Cast Zinc  
**Rose:** Cold Forged Brass, Bronze



Pacific Beach PB

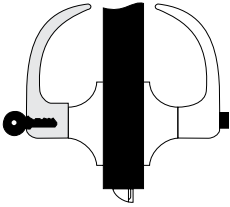
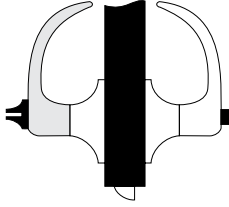
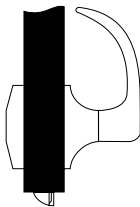
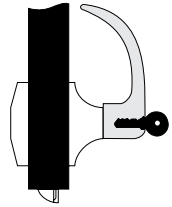
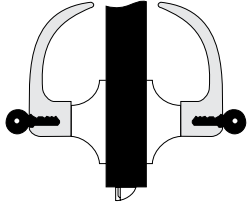
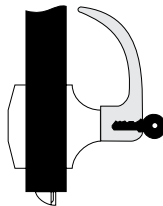
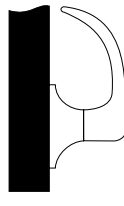
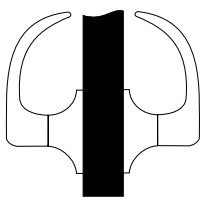
**Lever:** Cast Zinc  
**Rose:** Cold Forged Brass, Bronze



Dimensions are shown in inches (millimeters).

See page 10 and 11 for interchangeable core cylinder order options.

## functions

<p><b>5422LN (F90)</b></p> <p><b>Corridor Lock</b></p> <ul style="list-style-type: none"> <li>• Deadlocking latchbolt.</li> <li>• Either lever operates latchbolt (except when outside lever is locked by inside pushbutton or key in outside lever).* Inside lever always active.</li> <li>• When locked by button, the button automatically releases when inside lever is turned or door is closed.</li> <li>• When locked by key, the automatic release is made inoperative and must be manually unlocked by the key.*</li> </ul>  <p>Outside      Inside</p>	<p><b>5425LN</b></p> <p><b>Privacy Lock</b></p> <ul style="list-style-type: none"> <li>• For lavatory or other privacy doors.</li> <li>• Either lever operates latchbolt (except when outside lever is locked by inside pushbutton).*</li> <li>• Button automatically releases by turning inside lever or closing door.</li> <li>• Door can be unlocked, when necessary, by operating outside turnbutton.</li> <li>• No emergency key required.</li> <li>• Optional flush turnbutton available for outside. Specify option "FTB"</li> </ul>  <p>Outside      Inside</p>	<p><b>5428LN (F111)</b></p> <p><b>Communicating Passage Lock</b></p> <ul style="list-style-type: none"> <li>• For twin communicating or exit doors where one side operation is required.</li> <li>• Use where space is limited.</li> <li>• Deadlocking latchbolt.</li> <li>• One lever operation.</li> <li>• Blank rose.</li> <li>• Should be used only where rooms have more than one entrance.</li> </ul>  <p>Outside      Inside</p>	<p><b>5429LN (F113)</b></p> <p><b>Communicating Classroom Lock</b></p> <ul style="list-style-type: none"> <li>• For twin communicating or closet doors where one side operation or space between doors is limited.</li> <li>• Deadlocking latchbolt.</li> <li>• Blank rose.</li> <li>• Inside lever operates latchbolt except when lever is locked by key.*</li> <li>• Should be used only where rooms have more than one entrance.</li> </ul> <p><b>(Not available with IC core cylinders.)</b></p>  <p>Outside      Inside</p>
<p><b>5430LN (F87)</b></p> <p><b>Utility, Asylum or Institutional Lock</b></p> <ul style="list-style-type: none"> <li>• Deadlocking latchbolt.</li> <li>• Latchbolt operated by key in lever from either side.</li> <li>• Both levers always locked.*</li> </ul> <p><b>Note: Not available with IC core cylinders.</b></p>  <p>Outside      Inside</p>	<p><b>5439LN (F112)</b></p> <p><b>Communicating Storeroom Lock</b></p> <ul style="list-style-type: none"> <li>• For twin communicating or closet doors where one side operation is required or space between doors is limited.</li> <li>• Deadlocking latchbolt.</li> <li>• Latchbolt operated by key only in inside lever.</li> <li>• Inside lever always locked.*</li> <li>• Blank rose.</li> <li>• Should be used only where rooms have more than one entrance.</li> </ul> <p><b>(Note: Not available with I.C. core cylinders)</b></p>  <p>Outside      Inside</p>	<p><b>455LN</b></p> <p><b>Dummy Trim</b></p> <ul style="list-style-type: none"> <li>• For non-operational lever used for decorative trim.</li> </ul>  <p>Outside      Inside</p>	<p><b>455LN-D</b></p> <p><b>Double Dummy Trim</b></p> <ul style="list-style-type: none"> <li>• For non-operational lever used for decorative trim.</li> </ul>  <p>Outside      Inside</p>

\* Lever handles are Free-Wheling in locked position. Shaded area denotes FreeWheling lever.