

**Rivett Architectural Hardware Ltd.**

**Door Listing**

**1400 BAYLY CLASSROOM ALTER. - PICKERING, ON**

**Schedule 200822**  
**Date May 06/26**

| <b>Door Number</b> | <b>Set Number</b> |
|--------------------|-------------------|
| D01                | 1                 |
| D02                | 2                 |
| D03                | 2                 |

**Rivett Architectural Hardware Ltd.**  
**Hardware Schedule**  
**1400 BAYLY CLASSROOM ALTER. - PICKERING, ON**

Schedule    200822  
Date            May 06/26

**Set #     1**

1 SGLE. DR. # D01 SHARED COMMERCIAL CORRIDOR TO VESTIBULE            LHR  
1 - 3'2" x 7'0" x 1-3/4" x PSF x HMD x 45 MIN RATED

**Qty**

|     |   |                               |
|-----|---|-------------------------------|
| : : | 3 EA HINGE  | BB1168-114 X 101-NRP-626      |
| : : | 1 EA PANIC DEVICE   | 98L-NL-F X 996L-NL X 4' X 630 |
| : : | 1 EA RIM CYL.   | 20-021 X 626                  |
| : : | 1 EA ELECTRIC STRIKE  | 9500 X UL X 630               |
| : : | 1 EA CLOSER   | 4040XP X 689                  |
| : : | 1 EA WALL STOP  | 232W X 626                    |
| : : | 1 EA KICKPLATE  | 190S X 203 X 914 X 630        |
| : : | 1 EA FOB READER   | SUPPLIED BY SECURITY          |
|     | FOB READER TO BE CONNECTED THROUGH SECURITY SYSTEM TO ELECTRIC STRIKE BY OTHERS |                               |

**Set #     2**

1 SGLE. DR. # D02 FOYER 109 TO CLASSROOM 101                            LH  
1 SGLE. DR. # D03 FOYER 109 TO CLASSROOM 102                            LH  
2 - 3'2" x 7'0" x 1-3/4" x PSF x HMD

**Qty**

|     |                     |                        |
|-----|---------------------|------------------------|
| : : | 6 EA HINGE          | BB1168-114 X 101- 626  |
| : : | 2 EA CLASSROOM LOCK | L9071P X 03B X 626     |
| : : | 2 EA WALL STOP      | 232W X 626             |
| : : | 2 EA KICKPLATE      | 190S X 203 X 914 X 630 |

**BB1168**

BB1168

**SPECIFICATIONS**

|                               |  |
|-------------------------------|--|
| <b>Applications</b>           | For use on heavy weight doors and doors requiring high frequency service   |
| <b>Box Quantity</b>           | 3  |
| <b>Case Quantity</b>          | 24   |
| <b>Certifications</b>         | ANSI A8111   |
| <b>Electric Modifications</b> | EMN (Electric Monitor Only), ETW (Electric Through-Wire Only), ETM (Electric Through-Wire with Monitoring), Quick Connect  |
| <b>Features</b>               | <ul style="list-style-type: none"><li>• Four ball bearings</li><li>• Removable or non-removable pin with button tip and plug</li><li>• Available in two different leaf sizes</li></ul>                     |
| <b>Finishes</b>               | <ul style="list-style-type: none"><li>• LS, USP, US3, US10, US10A, US10B, US15, US26, US26D</li><li>• Additional finishes may be available, please contact Hager for availability and lead time.</li></ul> |
| <b>Fire Rating</b>            | Complies with NFPA80 requirements for use on fire rated door assemblies  |
| <b>Gauge</b>                  | See Sizing Chart Options   |
| <b>Height</b>                 | See Sizing Chart Options   |
| <b>Knuckles</b>               | 5  |
| <b>Material</b>               | Steel with Steel Pin   |
| <b>Options</b>                | <ul style="list-style-type: none"><li>• Stamped with UL logo when ordered for export</li><li>• Unequal top/bottom available in non-removable or removable pin</li></ul>                                    |
| <b>Product Description</b>    | Full Mortise, Ball Bearing, Heavy Weight   |
| <b>Width</b>                  | See Sizing Chart Options   |

# 98-F/99-F Rim exit device



**98-F and 99-F Rim fire exit devices** for all types of single doors up to 4' x 10' (1219mm x 3048mm) or 8' x 10' (2438mm x 3048mm) double doors with 9954 or 9854 mullion, UL listed for fire exit hardware. See page 76 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2014 Grade 1. The 98-F device has a smooth mechanism case and the 99-F device has a grooved case. The rim device is non-handed except when the following device options are used: -2 (double cylinder) or SS (signal switch). See opposite page for available outside trim and device functions.

**Finishes** – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.



## Specifications

|  |   |   |
|--|---|---|
| <b>Device functions</b>                      | Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.  |   |
| <b>Device lengths</b>                        | 3'  | 2'4" to 3' (711mm to 914 mm) Door size    |
|  | 4'  | 2'10" to 4' (864 mm to 1219 mm) Door size |
| <b>Device centerline from finished floor</b> | 39 <sup>13</sup> / <sub>16</sub> " (1011 mm)<br>39 <sup>11</sup> / <sub>16</sub> " (1008 mm) with mullion   |   |
| <b>Center case dimensions</b>                | 8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)  |   |
| <b>Mechanism case dimensions</b>             | 2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)   |   |
| <b>Projection</b>                            | Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97 mm)<br>Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78 mm)   |   |
| <b>Latch bolt</b>                            | Deadlocking, 3/4" (19mm) throw  |   |
| <b>Fasteners &amp; sex bolts (SNB)</b>       | Includes screw pack for 1 <sup>3</sup> / <sub>4</sub> " (44mm) and 2 <sup>1</sup> / <sub>4</sub> " (57mm) thick metal or wood doors. Optional 425 SNB available for metal doors. 425 & 825 SNB required on wood doors without SLM blocking. See page 11 for quantities. |   |
| <b>Electric options</b>                      | <b>LX</b>   | Latchbolt monitor switch                  |
|  | <b>RX</b>   | Pushpad monitor switch                    |
|  | <b>RX2</b>  | Double pushpad monitor switch             |
|  | <b>E</b>  | Electric locking & unlocking trim         |
|  | <b>EL</b>   | Electric latch retraction                 |
|  | <b>QEL</b>  | Quiet electric latch retraction           |
|  | <b>SS</b>   | Signal switch                             |
|  | <b>CX</b>   | Chexit delayed exit                       |
|  | <b>ALK</b>  | Alarm exit kit                            |
|  | <b>WP-RX</b>  | Waterproof request to exit                |
|  | <b>CON</b>  | Allegion Connect                          |
| <b>Mechanical options</b>                    | <b>-2</b>   | Double cylinder                           |
|  | <b>AX</b>   | Accessible device                         |
|  | <b>GBK</b>  | Glass bead kit                            |
|  | <b>PN</b>   | Pneumatic latch retraction                |
|  | <b>XP</b>   | Extra protection                          |
|  | <b>SNB</b>  | Sex bolts                                 |
|  | <b>SEC</b>  | Security screws                           |
|  | <b>SLM</b>  | Special Laminate Material Blocking        |
| <b>Dogging option</b>                        | No mechanical dogging. EL and QEL option available  |   |
| <b>Strikes</b>                               | <b>299F</b> – Dull black, <b>499F</b> with mullions   |   |

**XP**

**Extra protection**

- 90° latch-to-strike contact
- Force resistance of 2,000+ lbs.

**RX**

**Pushpad monitor switch**

- Signals use of an opening
- SPDT switch to monitor pushpad

**EL**

**Electric latch retraction**

- Enables remote unlatching
- Alternative to manual dogging

**ALK**

**Alarm exit kit**

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

**QEL**

**Quiet electric latch retraction**

- Bolt retraction via switch
- Converts exit door to push-pull operation

**CX**

**Chexit delayed exit**

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

**AX**

**Accessible device**

- UL certified to meet new 5 lb. maximum operating force requirement
- Exceeds ANSI/BHMA requirements

**SG**

**Safety glow**

- Shows exit door location in darkness or smoke
- Developed to meet MEA standards

**PN**

**Pneumatic latch retraction**




- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging





**CON**

**Allegion Connectors**

- Common connectors to connect various door hardware all the way to the power supply

**Standard trim**

|   | EO                                  | DT        | NL      | NL-OP  |
|---|-------------------------------------|--|--|---|
|   | <b>No outside trim</b><br>Exit only | <b>Dummy trim</b><br>Pull when dogged<br>(not recommended for fire device)                 | <b>Night latch</b><br>Key retracts latchbolt   | <b>Night latch</b><br>Key retracts latchbolt<br>optional pull required                    |
| <b>Product description</b>                          | 98EO-F<br>99EO-F                    | 98DT-F<br>99DT-F   | 98NL-F<br>99NL-F   | 98NL-OP-F<br>99NL-OP-F  |
| <b>Trim description</b>                             | —                                   | 990DT  | 990NL-R/V  | 110NL-MD<br>110NL-WD  |
| <b>Escutcheon plate size</b>                        | —                                   | 3" x 14 <sup>13</sup> / <sub>16</sub> " x 3 <sup>3</sup> / <sub>32</sub> "<br>(76x360x2mm) | 3" x 14 <sup>13</sup> / <sub>16</sub> " x 3 <sup>3</sup> / <sub>32</sub> "<br>(76x360x2mm) | —   |
| <b>Pull center to center</b>                        | —                                   | 5 <sup>1</sup> / <sub>2</sub> " (140mm)  | 5 <sup>1</sup> / <sub>2</sub> " (140mm)  | —   |
| <b>Projection</b>                                   | —                                   | 2" (51mm)  | 2" (51mm)  | —   |
| <b>ANSI function</b>                                | 01                                  | 02   | 03   | 03  |
| <b>Cylinder type</b>                                | —                                   | —  | Rim  | Rim   |
| <b>Handing</b>                                      | —                                   | —  | —  | —   |
| <b>Optional trim</b>                                | x990EO<br>x996EO                    | x996K-DT<br>x996L-DT<br>x696DT<br>x697DT   | x996K-NL<br>x996L-NL<br>x696NL<br>x697NL   |   |
| <b>#425 SNB optional - HMD req. WD w/o SLM pkg.</b> | 6                                   | 2  | 2  | 2   |
| <b>#825 SNB req. WD w/o SLM pkg.</b>                | 2 (if using trim)                   | 2  | 2  | 2   |
| <b>#425 SNB req. w/ 499F</b>                        | 2                                   | 2  | 2  | 2   |



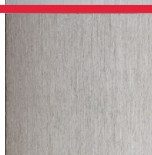
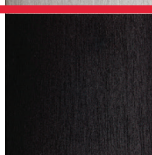

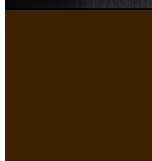
|   | L                                   | L-NL                                | L-BE                              | L-DT                              |
|---|--|--|--|--|
|   | <b>Lever</b><br>Key locks & unlocks  | <b>Lever – night latch</b><br>Key retracts latchbolt   | <b>Lever – blank escutcheon</b><br>Always operable (no cylinder)   | <b>Lever dummy trim</b><br>pull when dogged<br>(not recommended for fire device)                                       |
| <b>Product description</b>                          | 98L-F<br>99L-F   | 98L-NL-F<br>99L-NL-F   | 98L-BE-F<br>99L-BE-F   | 98L-DT-F<br>99L-DT-F   |
| <b>Trim description</b>                             | 996L-R/V*  | 996L-NL-R/V  | 996L-BE-R/V*   | 996L-DT  |
| <b>Escutcheon plate size</b>                        | 2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> "<br>(70x273x21mm) | 2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> "<br>(70x273x21mm) | 2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> "<br>(70x273x21mm) | 2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> "<br>(70x273x21mm) |
| <b>Pull center to center</b>                        | —  | —  | —  | —  |
| <b>Projection</b>                                   | 2 <sup>7</sup> / <sub>8</sub> " (73mm)   | 2 <sup>7</sup> / <sub>8</sub> " (73mm)   | 2 <sup>7</sup> / <sub>8</sub> " (73mm)   | 2 <sup>7</sup> / <sub>8</sub> " (73mm)   |
| <b>ANSI function</b>                                | 08   | 03   | 14   | 02   |
| <b>Cylinder type</b>                                | Rim  | Rim  | —  | —  |
| <b>Handing</b>                                      | Handed/Reversible  | Handed/Reversible  | Handed/Reversible  | Handed/Reversible  |
| <b>#425 SNB optional - HMD req. WD w/o SLM pkg.</b> | 2  | 2  | 2  | 2  |
| <b>#825 SNB req. WD w/o SLM pkg.</b>                | 2 (if using trim)  | 2  | 2  | 2  |
| <b>#425 SNB req. w/ 499F</b>                        | 2  | 2  | 2  | 2  |

\* Electrified lever operation available



# 98/99 Finishes

### Finishes\*

|  | Color              | US number | BHMA number |
|--|--------------------|-----------|-------------|
|   | Chromium, polished | US26      | 625         |
|   | Anodized, aluminum | US28      | 628         |
|   | Chromium, dull     | US26D     | 626         |
|   | Brass, polished    | US3       | 605         |
|  | Brass, dull        | US4       | 606         |

|   | Color                                  | US number | BHMA number |
|---|--|-----------|-------------|
|    | Bronze, dull                           | US10      | 612         |
|    | Satin nickel<br>Available for 35A ONLY | US15      | 619         |
|    | Satin stainless steel                  | US32D     | 630         |
|    | Duranodic dark bronze                  | 313       | 710         |
|   | Black                                  | 315       | 711         |
|  | Aged bronze 643e                       | -         | -           |

### Special finishes

|   | Color                                | US number | BHMA number |
|---|--------------------------------------|-----------|-------------|
|  | Satin chrome, Antimicrobial          | US26D-AM  | 626-AM      |
|  | Satin stainless steel, antimicrobial | US32D-AM  | 630-AM      |

**Pushpad options** — Knurled  
 Embossed "Push"  
 Braille (Caution-Stairwell), satin stainless steel only  
 RSS – (Emergency Exit – Push to open and sound alarm) – Red Silkscreen lettering on US32D

\* Note: Durable powder coated finishes available at specific special request. PLEASE CONTACT FACTORY.

# L Series

## Grade 1, Mortise Locks

### OVERVIEW

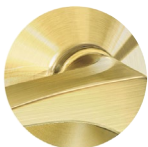
The Schlage® L Series has long been the benchmark for Grade 1 mortise locks. Beyond strength and security—it offers flexibility to meet most needs. 67 mechanical functions include ten non-levered small- and large-case deadbolt functions and 15 electrified functions regularly used as part of electronic access control systems, six of which feature motorized latch retraction. L Series locks have the ability to suite across electronic, tubular, exit trim, and multi-point locks to integrate seamlessly into any environment. The series features an array of security options including patented, 180-degree high visibility lock status indication trim, key override of a thumbturn being held, and support for multiple keyway families and cylinder types including Primus® XP high-security cylinders.



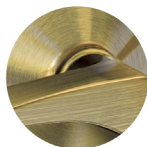
### FINISHES



605  
Bright Brass



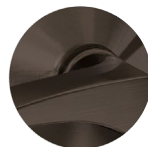
606  
Satin Brass



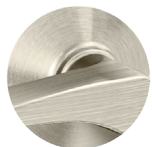
609  
Antique Bronze



612<sup>1</sup>  
Satin Bronze



613<sup>1</sup>  
Oil Rubbed  
Bronze



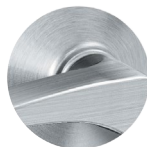
619  
Satin Nickel



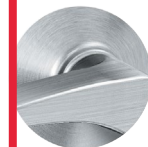
622  
Matte Black



625  
Bright Chrome



626  
Satin Chrome



626AM  
Satin Chrome  
Antimicrobial



629<sup>2</sup>  
Bright Stainless  
Steel



630<sup>2</sup>  
Satin Stainless  
Steel



630AM<sup>2</sup>  
Satin  
Stainless Steel  
Antimicrobial



643e  
Aged Bronze

1. Available on standard levers only, not available on Latitude, Longitude, Accent, Asti, or Merano.  
2. Not available on Accent, Asti, or Merano.

## STANDARD LEVER AND KNOB STYLES



**01**  
801 - Milled tactile warning



**02**  
802 - Knurled tactile warning<sup>1</sup>



**03 (Tubular)**  
803 - Knurled tactile warning<sup>1</sup>



**05**  
805 - Milled tactile warning



**06 (Rhodes)**  
806 - Milled tactile warning



**07 (Athens)**  
807 - Milled tactile warning



**12**  
812 - Milled tactile warning  
*Handed*



**17 (Sparta)**  
817 - Milled tactile warning

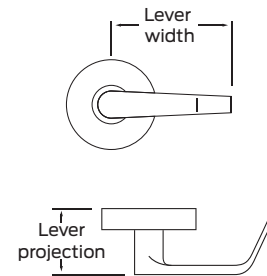


**18**  
818 - Milled tactile warning

### Dimensions

| Lever        | Width | Projection |
|--------------|-------|------------|
| 01           | 3.88" | 2.69"      |
| 02           | 4.75" | 2.81"      |
| 03 (Tubular) | 4.75" | 2.81"      |
| 05           | 3.75" | 2.88"      |
| 06 (Rhodes)  | 4.63" | 2.5"       |
| 07 (Athens)  | 4.63" | 2.88"      |
| 12           | 4.63" | 3.06"      |
| 17 (Sparta)  | 4.75" | 3"         |
| 18           | 4.88" | 2.69"      |

Return to door meets 1/2" requirement for 03, 06 and 17 levers.



<sup>1</sup> Knurled tactile warning available on 609, 612, 613, 625, 626, 629, and 630 finishes only.

Note: Images shown with Schlage L mortise 'A' rose; additional rose and escutcheon designs available.

## ESCUTCHEONS



**L full face**  
Specify by adding 'L' after lever design.

**Finishes:** available in all L Series finishes.



**L concealed**  
Specify by adding 'C' suffix to function and by adding 'L' after lever design.

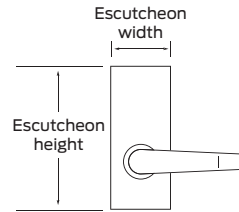
**Finishes:** available in all L Series finishes.



**N full face**  
Specify by adding 'N' after lever design.

**Finishes:** available in all L Series finishes.

| Escutcheon  | Width | Height |
|-------------|-------|--------|
| L full face | 1.75" | 7.938" |
| L concealed | 1.75" | 7.938" |
| N full face | 2.5"  | 7.875" |



## ROSES



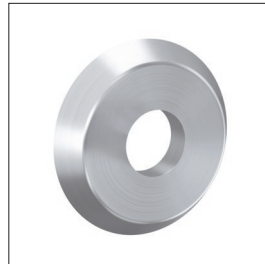
**A rose**  
Available for use on L Series knob and lever designs. Specify by adding 'A' after lever design.

**Finishes:** available in all L Series finishes.



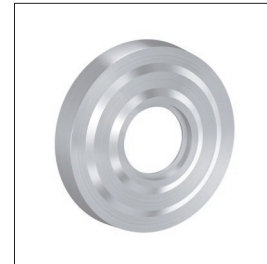
**B rose**  
Available for use on L Series knob and lever designs. Specify by adding 'B' after lever design.

**Finishes:** available in all L Series finishes.



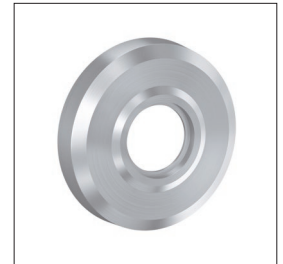
**C rose**  
Available for use on L Series knob and lever designs. Specify by adding 'C' after lever design.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 629, 630, 643e.



**AVA rose**  
Available for use with AST lever only. Specify as ASTAVA.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 643e.



**MER rose**  
Available for use with MER lever only. Specify as MERMER.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 643e.

| Rose | Diameter |
|------|----------|
| A    | 2.125"   |
| B    | 2.562"   |
| C    | 2.625"   |
| AVA  | 2.625"   |
| MER  | 2.625"   |



## THUMBTURNS



**ADA thumbturn (standard)**  
09-544



**Large ADA thumbturn**  
09-509 x L583-363  
Not available with L9463 and L463

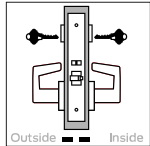


**Basic thumbturn**

## DOUBLE CYLINDER NON-DEADBOLT FUNCTIONS

**Schlage**  
**L/LV9060**

**ANSI**  
**F09**



**Apartment entrance lock**



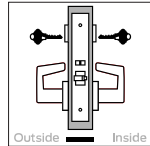
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key inside; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt but cannot lock or unlock outside lever
- Rotating inside lever retracts latchbolt; key inside retracts latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Outside lever remains inoperative until unlocked by key inside.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L9066**

**ANSI**  
**-**



**Store lock**



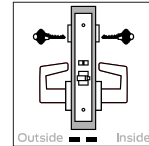
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Both levers are made inoperative by key from either side
- Key use on either side unlocks both levers and retracts latchbolt

Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

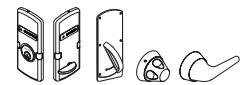
Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9071**

**ANSI**  
**F32**



**Classroom security lock, interior/exterior lockdown**



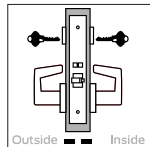
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Rotating inside lever retracts latchbolt; key on either side unlocks outside lever and retracts latchbolt
- Inside lever always free for immediate egress

Note: Outside lever remains inoperative until unlocked by key.

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9082**

**ANSI**  
**-**



**Classroom security holdback lock, interior/exterior lockdown**



- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt but cannot unlock outside lever
- Rotating inside lever retracts latchbolt; key inside retracts latchbolt and unlocks outside lever
- Rotate inside lever while turning key 360° to activate retracted latch holdback feature; to deactivate, reverse key rotation 360°
- Inside lever always free for immediate egress

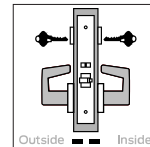
Note: Outside lever remains inoperative until unlocked by key inside.

Note: Locks with holdback feature are not UL listed. Installation should be in accordance with existing codes only.

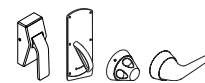
Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9082**

**ANSI**  
**F30**



**Institution lock**



- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Both levers (or knobs) always fixed; Vandlgard® option allows both levers to rotate freely down while locked
- Key on either side retracts latchbolt

Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

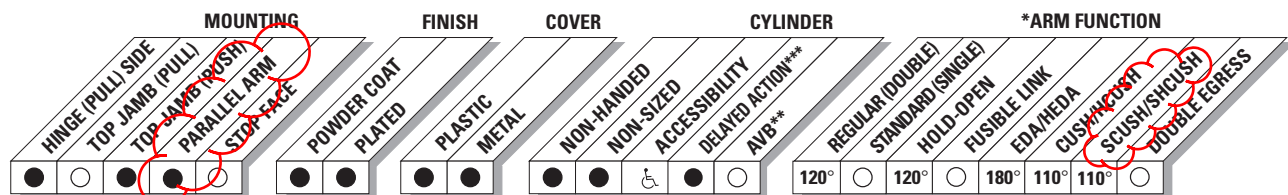


The 4040XP is LCN's most durable and flexible heavy duty closer designed for institutional and other demanding high traffic applications.

|                          |  |                                    |  |
|--------------------------|--|------------------------------------|--|
| <b>Certifications</b>    | Grade 1 - ANSI A156.4, UL 10C, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act  | <b>Cover</b>                       | <ul style="list-style-type: none"> <li>Plastic, Standard</li> <li>Metal, Optional</li> </ul>   |
| <b>Body Construction</b> | <ul style="list-style-type: none"> <li>Cast Iron Body</li> <li>Full Complement Bearings</li> <li>1-1/2" Diameter Piston</li> <li>3/4" Diameter Double Heat Treated Pinion Journal</li> </ul> | <b>Fasteners</b>                   | Self Reaming and Tapping Screws (SRT)  |
| <b>Fluid</b>             | All Weather Liquid X Fluid   | <b>Mounting</b>                    | Hinge (Pull Side), Top Jamb (Push Side), Parallel Arm (Push Side)  |
| <b>Handing</b>           | Non-Handed   | <b>Arms</b>                        | Regular Arm  |
| <b>Templating</b>        | Peel-n-Stick templates - 2-1/4" x 5" Mounting Hole Pattern   | <b>Finishes/Colors/Powder Coat</b> | <ul style="list-style-type: none"> <li>Aluminum (689)</li> <li>Statuary Bronze (690)</li> <li>Light Bronze (691)</li> <li>Black (693)</li> <li>Dark Bronze (695)</li> <li>Brass (696)</li> <li>Custom colors optional</li> </ul> |
| <b>Size</b>              | Adjustable Spring Size 1-6, includes Patented Green Dial   |                                    | <ul style="list-style-type: none"> <li>Optional SRI primer - powder coat only</li> <li>Optional plated finishes</li> </ul>   |
| <b>Warranty</b>          | 30 years   |                                    |  |

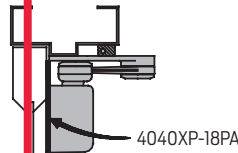
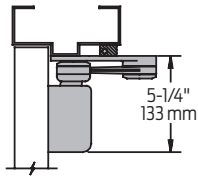
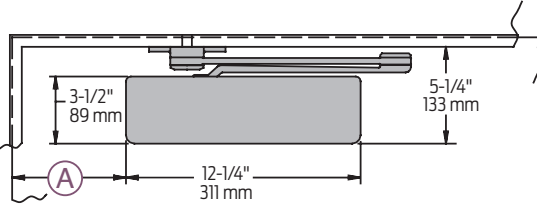
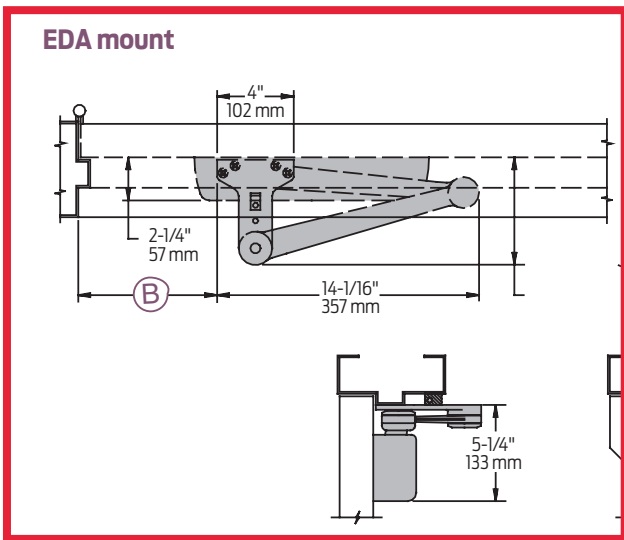
**Special Templates**

Customized installation templates or products may be available to solve unusual applications. Contact LCN Product Support for assistance.

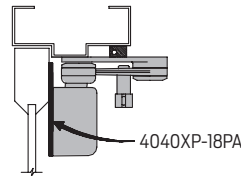
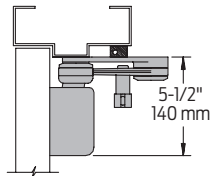
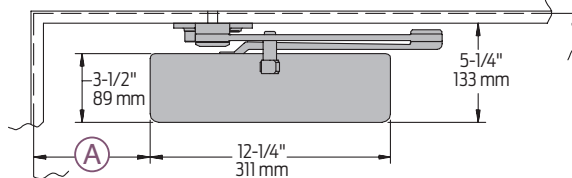
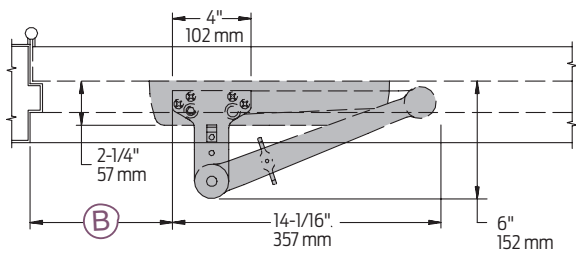


● AVAILABLE  
○ NOT AVAILABLE

♿ Closer available with less than 5.0 lbs. opening force on 36" door.  
 \* Maximum opening/hold-open point with standard template.  
 \*\* Advanced Variable Backcheck.  
 \*\*\* Delay feature incorporates standard 4040 cylinder (not XP).



CUSH mount



|                        |   |  |
|------------------------|---|--|
| <b>Clearance</b>       | 4040XP-62EDA is 5-1/2" (140 mm) from door face. 6" (152 mm) for CUSH  |  |
| <b>Head Frame</b>      | Flush or rabbeted requires CUSH FLUSH PANEL ADAPTER, 4040XP-419   |  |
| <b>CUSH ARM</b>        | Requires SHOE SUPPORT, 4040XP-30 for fifth screw anchorage where reveal is less than 3-1/16" (78 mm)  |  |
| <b>Delayed Action</b>  | <ul style="list-style-type: none"> <li>■ Incorporates standard 4041 cylinder, without XP cylinder.</li> <li>■ Delays closing from maximum opening to ; 115° with 180° template, 95° with 110° template, 85° with 100° template, 75° with 90° template. Delay time adjustable up to approximately 1 minute.</li> </ul> |  |
| <b>Maximum Opening</b> | EDA arm can be templated for points at:   | CUSH arms can be templated for opening/hold-open point at: |
|                        | 110°: A = 6-3/8" (162 mm)<br>B = 7-3/4" (197 mm)  | 85°: A = 7-15/16" (202 mm)<br>B = 9-1/8" (232 mm)          |
|                        | or 180°: A = 2-7/8" (73 mm)<br>B = 4-1/4" (108 mm)  | 90°: A = 7-3/16" (183 mm)<br>B = 8-1/2" (216 mm)           |
|                        | Hold-open points up to maximum opening with HEDA arm  | 100°: A = 6-1/16" (154 mm)<br>B = 7-1/4" (184 mm)          |
|                        |   | or 110°: A = 5-1/16" (129 mm)<br>B = 6-3/8" (162 mm)       |

Notes:

- 4040XP Series closers ordered with EDA or CUSH arms include 4040XP-201 FIFTH HOLE SPACER to support the shoe
- Spring Cush stop points are approximately 5" more than templated stop point
- Hold open at templated stop points



The 9500 series Genesis™ is a 3 hour fire rated, surface mounted electric strike designed to accommodate rim exit devices with a 3/4" throw latchbolt. All components are completely encased within its 3/4" thick stainless steel housing, so no cutting on the frame is required for installation. Simply place the electric strike on the surface of the frame, align it with the exit latchbolt and install.

The 9500 exceeds grade-1 standards for strength and performance. It is field selectable for fail secure and fail safe operation, and for 12 or 24VDC. This unique electric strike complies with NFPA 80-07 guidelines for retrofit into fire-rated frames.

# 9500 Series

## The surface mounted, fire-rated solution

### Specifications

- UL 10C fire-rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- WHI fire door listed
- UL1034, burglary-resistant listed and suitable for outdoor use
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

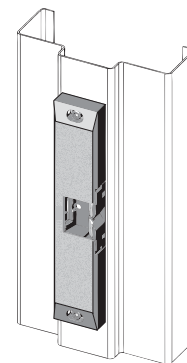
- California Fire Marshall listed
- NFPA 80-07 compliant
- Patent: 6,390,520

### Frame Application

- Metal
- Wood

### Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty





### Standard Features

- Completely surface mounted
- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail safe/fail secure
- Dual voltage 12 or 24VDC
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Accommodates up to 3/4" Pullman latch
- Five-year limited warranty

### Optional Features

- **LBM** » Latchbolt monitor
- **LBSM** » Latchbolt strike monitor

### Accessories

- 9400/9500/9600-108** » Spacer plate (black or 630 finish)
- SMB** » Surface mounting box
- 2001M** » Plug-in bridge rectifier
- 2004M** » ElectroLynx® adapter
- 2005M3** » SMART Pac® III
- 2006M** » Plug-in buzzer

### Finishes

- 630** » Satin stainless steel
- 605** » Bright brass
- 606** » Satin brass
- 612** » Satin bronze
- 613** » Bronze toned
- 629** » Bright stainless steel



RIM EXIT DEVICES

FIELD SELECTABLE  
(FAIL SECURE / FAIL SAFE)FIELD SELECTABLE  
(12 OR 24VDC)

FIRE RATED



GRADE 1



OUTDOOR RATED

UL 1034  
BURGLARY LISTED

**hes**  
ASSA ABLOY

## 232W

Convex Wall Stop



**Notes:**

- Specify 232T for machine screw and toggle nut screw pack (10 pk)
- BL232W is 232W case quantity 50
- Concealed tamper proof mounting
- Easy installation by inserting screwdriver through small hole in bumper

### PRODUCT SPECIFICATIONS

**CERTIFICATIONS:**

- Meets ANSI A156.16 for L02101

**DIAMETER:**

- 2-7/16" (62 mm)

**PROJECTION:**

- 1" (25 mm)

**MATERIALS:**

- Wrought brass, bronze, stainless steel with grey rubber bumper

**FINISHES:**

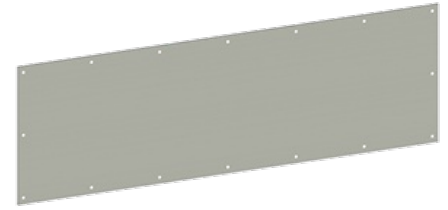
- US3, US4, US5, US9, US10, US10B, US15, US15A, US19, US26, US26D, US32, US32D

**FASTENERS:**

- One (1) #10 x 1-1/2" PPHWS with plastic and toggle anchor

## 190S

Door Protection Plate  
0.050" gauge with four beveled edges



### NFPA Notes:

- NFPA 80 Standards
- 6.4.5 Protection Plates 6.4.5.1
- Factory installed protection plates shall be installed in accordance with the listing of the door. 6.4.5.2
- Field installed protection plates shall be labeled and installed in accordance with their listing. 6.4.5.3
- Labeling shall not be required where the top of the protection plate is not more than 16" (406mm) above the bottom of the door.
- Note: If needing the 190S with rounded corners, please order the 196R.



## PRODUCT SPECIFICATIONS

### GAUGE:

- 0.050" (1 mm)

### MATERIALS:

- Aluminum, Brass, Bronze, Stainless Steel

### FINISHES:

- US3, US4, US10, US10B, DBZ, US28, US32, US32D

### BEVEL:

- 4 edges

### ORDER:

- Furnish item #, height, width, and finish (i.e., 190S – 6" x 30", US32D).
- Plates are sized on even inches. Odd size available and priced to next larger size.
- May be ordered with countersunk holes (specify "CSK") at extra charge.

### OPTIONS:

- UL listed for US32 and US32D with screw fasteners (must specify UL stamp)
- Self-adhesive tape available on all plates
- Spanner head screws
- Torx head screws
- Round corners - specify 196R
- Wrap around side and bottom return
- 0.125" material

### CERTIFICATION:

- Meets ANSI A156.6 for J101 Metal Armor Plate, J102 Metal Kickplate, and J103 Metal Mop Plate

### EPD:

- [Door Protection Plates Environmental Product Declaration](#)

## PRODUCT SIZE OPTIONS

| ITEM # | B&S GAUGE | US GAUGE | BEVEL | FASTENERS                  | QUANTITY BAG | QUANTITY CASE |
|--------|-----------|----------|-------|----------------------------|--------------|---------------|
| 190S   | 16        | 18       | B4E   | #6 x 5/8 truss head screws | 1 each       | ---           |
| 196R   | 16        | 18       | none  | #6 x 5/8 truss head screws | 1 each       | ---           |
| 198S   | ---       | 20       | none  | #6 x 5/8 truss head screws | 1 each       | ---           |
| 199B   | ---       | 20       | none  | #6 x 5/8 truss head screws | 1 each       | ---           |
| 220S   | 14        | 16       | B4E   | #6 x 5/8 truss head screws | 1 each       | ---           |