

# 3400 Series



Hager 3400 Series Grade 1 lock is designed and engineered to withstand the most abusive environments. We've categorized it 'extra heavy duty' and you can rest assured that it has been tested against heavy use, impact, strength, resistance, and abuse. We're so confident in our 3400 Series lock, it's backed by a lifetime warranty. The exceptional quality of our 3400 Series lock has made it incredibly successful in application after application across the country and around the globe.



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CALL 1800-684-4010**



## 3400 SERIES - HOW TO ORDER

| 3453   | 2-3/4" | US26D  | US26 | WTN   | SCC | KD  | ASA | TW  |                |
|--|--------|--|------|---|-----|---|-----|---|----------------|
| <b>Function</b>  |        | <b>Finish</b>  |      | <b>Interior Finish</b><br>(If Different)  |     | <b>Conventional Keyway</b>  |     | <b>Strike</b>   |                |
| 10 - Passage<br>17 - Single Dummy<br>40 - Privacy<br>50 - Entry/Office<br>53 - Entry<br>70 - Classroom<br>73 - Corridor<br>80 - Storeroom<br>95 - Intruder Classroom |        | US3 - Knob/Lever<br>US4<br>US10<br>US10B<br>US26<br>US26D<br>US32D - Knob Only |      |   |     | SCC - Schlage C<br>AR1 - Arrow<br>C60 - Corbin 60<br>C67 - Corbin 67<br>C77 - Corbin 77<br>CL4 - Corbin L4<br>SCE - Schlage E<br>SCF - Schlage F<br>H1 - Hager 1<br>H2 - Hager 2<br>H3 - Hager 3<br>KW1 - Kwikset<br>RD1 - Russwin D1<br>SGT - Sargent LA<br>YAP - Yale E1R (Para)<br>YGA - Yale GA<br>WE - Weiser E<br>NC - No Cylinder (SFIC and LFIC Only) |     | ASA (Standard)<br>Full<br>RC Full<br>TEE  | <b>Options</b> |
| <b>Backset/Faceplate</b>   |        |  |      |   |     |   |     |   |                |
| 2-3/4" (70 mm), SC (Standard)<br>2-3/4" (70 mm), RC<br>2-3/8" (60 mm), SC<br>2-3/8" (60 mm), RC  |        |  |      |   |     |   |     | TW - Tactile Warning<br>LL - Leadlined<br>EL24 - Fail Safe 24 Volt<br>EL12 - Fail Safe 12 Volt<br>EU24 - Fail Secure 24 Volt<br>EU12 - Fail Secure 12 Volt<br>RX - Request to Exit<br>ELRX24 - Fail Safe 24 Volt with Request to Exit<br>ELRX12 - Fail Safe 12 Volt with Request to Exit<br>EURX24 - Fail Secure 24 Volt with Request to Exit<br>EURX12 - Fail Secure 12 Volt with Request to Exit<br>6PKEY - 6-pin Keyed<br>7PKEY - 7-pin Keyed (Hager Only)<br>SFIC* - Small Format Interchangeable Core Prep<br>LFIC** - Large Format Interchangeable Core Prep (Leverset Only)<br>ANTI - Antimicrobial Coating (26D only) |                |
| <b>Product Group</b>   |        |  |      | <b>Lever Style</b>  |     | <b>Keying</b>   |     |   |                |
| 34 - Cylindrical, Grade 1  |        |  |      | APL - Apollo Knob<br>ARC - Archer Lever<br>AUG - August Lever<br>WTN - Withnell Lever |     | KA - Keyed Alike<br>KD - Keyed Different<br>MK - Master Key<br>CMK - Construction Master Key<br>SK - Customer Specified Keying<br>OBC - "0" Bitted Cylinder<br>1BC - "1" Bitted Cylinder  |     |   |                |

### Notes:

1. If masterkeyed, include completed master key form with order (available on page 88 or [www.hagerco.com](http://www.hagerco.com)).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).










\* Small format interchangeable core sold separately. Available in Best Keyways (A Standard) or Hager Keyways (optional).

\*\* Large format interchangeable core sold separately. Available in Schlage C Keyway only.

**Ordering example: 3453 2-3/4" US26D WTN NC ASA SFIC**  
**: 3453 2-3/4" US26D WTN NC ASA LFIC**

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## 3400 SERIES - FUNCTION CHART

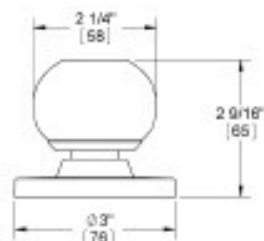
| Function  | Function No.        | Function Description | ANSI No.   |      |
|---|---------------------|----------------------|--|------|
| <b>Non-Keyed</b>  |                     |                      |  |      |
|    | Passage             | 10                   | Latchbolt operated by lever from either side at all times.   | F75  |
|    | Dummy - Single      | 17                   | Pull one side, no mechanical operation.  | -    |
|    | Privacy             | 40                   | Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, operating inside lever or closing door.   | F76A |
| <b>Keyed</b>  |                     |                      |  |      |
|   | Entry/Office        | 50                   | Deadlocking latchbolt operated by lever from either side except when outside lever is locked by push button on inside lever. When outside lever is locked, operating key in outside lever or operating inside lever unlocks push button. Closing door does not release push button.  | F82A |
|  | Entry               | 53                   | Deadlocking latchbolt by lever either side, except when turn button inside locks outside lever. Pushing turn button in locks outside lever, requiring use of key outside to unlock. (Lever handle is freewheeling in locked position.) Turning inside lever unlocks outside lever. Pushing in and turning button locks outside lever, requiring key at all times. Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. Inside lever always operates latchbolt. | F109 |
|  | Classroom           | 70                   | Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.   | F84  |
|  | Corridor            | 73                   | Deadlocking latchbolt operated by lever from either side except when outside lever is locked by key in outside lever or by push button on inside. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button. Closing door releases push button. Inside lever always operates latchbolt.   | F90  |
|  | Storeroom           | 80                   | Deadlocking latchbolt operated by key in outside lever, or by operating inside lever. Outside lever is always locked. Inside lever is always unlocked.   | F86  |
|  | Intruder Classroom* | 95                   | Deadlocking latchbolt operated by lever from either side. Key either inside or outside locks or unlocks outside lever. Inside lever always operates latchbolt.   | F110 |



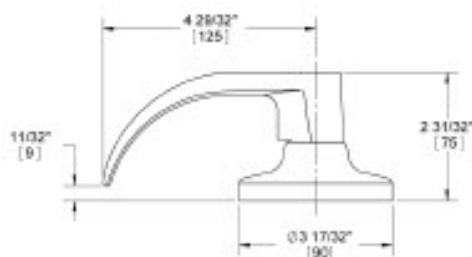
**HAGER**  
COMPANIES

## 3400 SERIES - LEVER OPTIONS

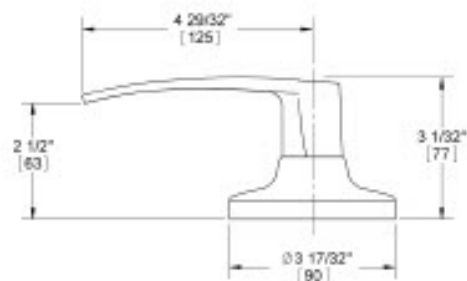
### APOLLO KNOB



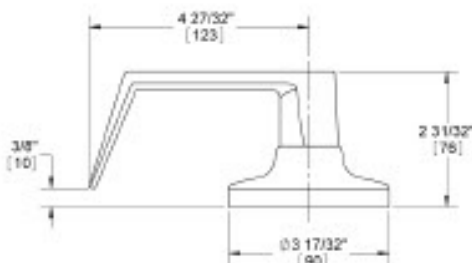
### ARCHER LEVER



### AUGUST LEVER



### WITHNELL LEVER



Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).

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## 3400 SERIES - GRADE 1 CYLINDRICAL - HEAVY DUTY

|                       |  |
|-----------------------|--|
| <b>WARRANTY</b>       | Lifetime warranty  |
| <b>FEATURES</b>       | <ul style="list-style-type: none"> <li>• Heavy duty commercial, industrial, institutional</li> <li>• No exposed mounting screws</li> <li>• Non-handed</li> <li>• Conventional cylinder, Small Format Interchangeable Core, and Large Format Interchangeable Core option available</li> </ul>   |
| Certifications:       | <ul style="list-style-type: none"> <li>• BHMA Certified ANSI A156.2 Series 4000 Grade 1</li> <li>• ADA Compliant ANSI A117.1 Accessibility Code (levers only)</li> <li>• ANSI A250.13 Severe Windstorm Resistant Component</li> <li>• UL/cUL Listed for all functions up to 3 hours for "A" label doors</li> <li>• UL10C Positive Pressure Rated</li> <li>• UL10B Neutral Pressure Rated</li> </ul>  |
| Lever Options:        | Apollo knob; Archer, August, Withnell levers   |
| Options:              | <ul style="list-style-type: none"> <li>• Lead lined (leversets only)</li> <li>• Tactile warning (levers only)</li> <li>• Antimicrobial coating (26D finish only)</li> <li>• Split finish</li> <li>• Additional latchbolts and strikes available</li> </ul>   |
| <b>SPECIFICATIONS</b> |  |
| Standard Door Prep:   | <ul style="list-style-type: none"> <li>• 2-1/8" (54 mm) diameter (bore)</li> <li>• Latch hole: 1" (25 mm) diameter (cross bore)</li> </ul>   |
| Exposed Trim:         | <ul style="list-style-type: none"> <li>• Knobs: Wrought brass or stainless steel</li> <li>• Levers: Cast zinc</li> <li>• Rose: Wrought brass or stainless steel</li> </ul>   |
| Rose Diameter:        | 3-17/32" (90 mm) levers; 3" (76 mm) knobs  |
| Lock Chassis:         | <ul style="list-style-type: none"> <li>• Heavy gauge steel, zinc dichromated for corrosion resistance</li> <li>• Free wheeling (levers only)</li> <li>• Thru-bolt mounting (levers only)</li> </ul>  |
| Keys:                 | Two operating keys supplied per lock   |
| Cylinders/Cores:      | <ul style="list-style-type: none"> <li>• Brass 6-pin, keyed different - Schlage C Keyway - Standard</li> <li>• Cylinder drilled 6-pin, Keyed 5-pin - Standard</li> <li>• Other keying options, including keyed 6-pin, available from factory (see cylinder, core and keying section)</li> <li>• Zero bit cylinders will be 6 pin keyed - standard</li> <li>• Small Format Interchangeable Core option available</li> <li>• SFIC uncombined or combined, brass 6- or 7-pin cores sold separately</li> <li>• Large Format Interchangeable Core option available - leversets only</li> <li>• LFIC zero bitting or combined, brass 6-pin cores sold separately - Schlage C only</li> </ul> |
| Door Thickness:       | <ul style="list-style-type: none"> <li>• Knobs: 1-3/8" - 1-3/4" (35 mm - 45 mm)</li> <li>• Levers: 1-3/8" - 2" (35 mm - 51 mm)</li> </ul>  |
| Backset:              | <ul style="list-style-type: none"> <li>• 2-3/4" (70 mm) - Standard</li> <li>• 2-3/8" (60 mm) - Optional</li> <li>• 3-3/4" (94 mm) - Optional</li> <li>• 5" (128 mm) - Optional</li> </ul>  |
| Latchbolt:            | <ul style="list-style-type: none"> <li>• 1/2" (13 mm) throw, stainless steel</li> <li>• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate</li> <li>• Square corner faceplates standard, round corner available</li> <li>• Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only</li> <li>• 3/4" (18 mm) latch available</li> </ul>   |
| Strike:               | 3935 ASA 1-1/4" x 4-7/8" (32 mm x 124 mm) strike - Standard  |
| Functions:            | 10 Passage, 17 Dummy, 40 Privacy, 50 Entry/Office, 53 Entry, 70 Classroom, 73 Corridor (levers only), 80 Storeroom, 95 Intruder Classroom (levers only)  |
| <b>FINISHES</b>       | <ul style="list-style-type: none"> <li>• US3, US4, US10, US10B, US26, US26D (levers only)</li> <li>• US3, US32D (knobs only)</li> </ul>  |





## 3400 SERIES - ELECTRIFIED - GRADE 1 CYLINDRICAL HEAVY DUTY

### WARRANTY

- Lifetime warranty on mechanical locking components
- One-year warranty on electric components

### FEATURES

- Deadlocking latchbolt
- Key override allows latchbolt to be momentarily retracted with the key even though electrically locked. Note that locks that are electrically unlocked may not be locked via the key cylinder.
- Inside lever always allows egress
- Interface with life-safety systems
- Continuous-duty solenoids



### Function:

80 - Storeroom

### Applications:

- Provides remote locking and unlocking ideal for access control where added security is necessary
- Stairtower doors
- Office doors
- Classrooms
- Elevator lobby doors
- Computer rooms
- Hospital equipment rooms
- Pharmaceutical storage rooms

### Voltage:

- 12V AC/DC; current - .250AMP
- 24V AC/DC; current - .150AMP
- Specify 12V or 24V when ordering

### FINISHES

US3, US4, US10, US10B, US26, US26D

| Function                                   | Function No. | Function Description  |
|--|--------------|---|
| Storeroom - Fail Safe                      | 3480EL       | Outside lever continuously locked electrically. Latchbolt operable from the outside by key, by breaking electric current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.  |
| Storeroom - Fail Secure                    | 3480EU       | Outside lever continuously locked. Latchbolt operable from the outside by key or by applying electrical current. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.  |
| Storeroom - Request to Exit                | 3480RX       | Monitors inside lever rotation. Incorporates into fire alarm system or in conjunction with an electromagnet.  |
| Storeroom - Fail Safe w/ Request to Exit   | 3480ELRX     | Outside lever continuously locked electrically. Latchbolt operable from the outside by key, by breaking electric current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress. Inside lever rotation is monitored. Incorporates into fire alarm system. |
| Storeroom - Fail Secure w/ Request to Exit | 3480EURX     | Outside lever continuously locked. Latchbolt operable from the outside by key or by applying electrical current. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress. Inside lever rotation is monitored. Incorporates into fire alarm system.                               |

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## 3400 SERIES - POWER SUPPLIES

See power supply area within the Electrified Products section for more details on our full selection of power supplies. Hager 2903, 2908 and 2909 power supplies are designed to power locking devices. Their features include:

- UL Listed
- Filtered/regulated 24VDC
- Overload protection
- Over voltage protection
- Short circuit protection
- Surge suppression on Fail Safe and Fail Secure outputs
- Fire alarm input standard

### 2903 Power Supply Includes:

- 24VDC, 2Amp
- Automatically accepts 120 or 240VAC input
- Auxiliary 24VDC output for stand alone devices
- Switch 24VDC outputs for fail safe or fail secure locking hardware
- Surge suppression on Fail Safe and Fail Secure outputs

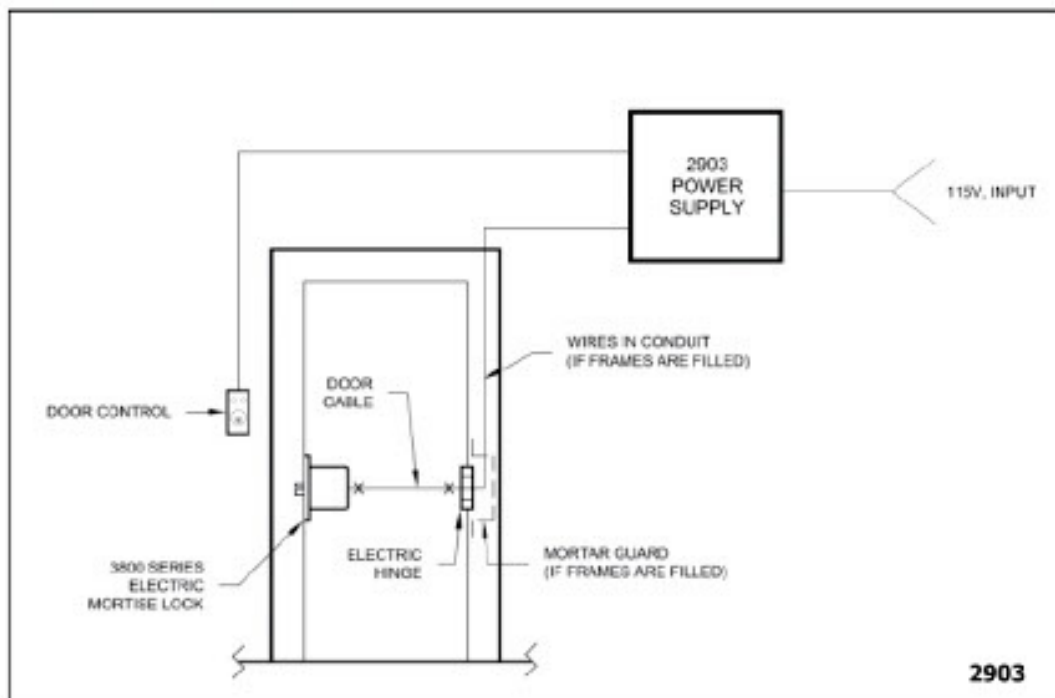
### 2908 Power Supply Includes:

- Field selectable 12VDC or 24VDC, 1Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

### 2909 Power Supply Includes:

- Field selectable 12VDC or 24VDC, 2Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

## Hager Locking System



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## 3400 SERIES - LATCHBOLTS

### Spring Latches



**3943**  
**2-3/4" (70 mm) Backset**  
**Passage Spring Latch - Standard**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

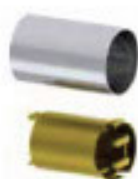
**3945**  
**2-3/8" (60 mm) Backset**  
**Passage Spring Latch**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate



**3964**  
**2-3/4" (70 mm) Backset**  
**Privacy Spring Latch - Standard**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

**3966**  
**2-3/8" (60 mm) Backset**  
**Privacy Spring Latch**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

### Backset Extension Links



**3916**  
**3-3/4" (95 mm) Backset**  
**Extension Link**  
Must use with 2-3/8" (60 mm) backset latch to achieve 3-3/4" total backset



**3936**  
**5" (127 mm) Backset**  
**Extension Link**  
Must use with 2-3/4" (70 mm) backset latch to achieve 5" total backset

### Dead Latches



**3932**  
**2-3/4" (70 mm) Backset**  
**Dead Latch**  
• 3/4" (18 mm) throw  
• Square corner only  
• For use on fire rated pairs of doors  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate



**3944**  
**2-3/4" (70 mm) Backset**  
**Dead Latch - Standard**  
• Square and round corner available  
• For use with all keyed functions other than corridor  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

**3946**  
**2-3/8" (60 mm) Backset**  
**Dead Latch**  
• Square and round corner available  
• For use with all keyed functions other than corridor  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate



**3992**  
**2-3/8" (60 mm) Backset**  
**Dead Latch - Corridor Function Only**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

**3993**  
**2-3/4" (70 mm) Backset**  
**Dead Latch - Corridor Function Only**  
• Square and round corner available  
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

Notes: All Grade 1 latchbolts supplied with 1-1/8" (29 mm) x 2-1/4" (57 mm) faceplates.

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## 3400 SERIES - STRIKES

## 3400 SERIES ACCESSORIES



### 3933

#### T-Strike with Plastic Dust Box

- 1-1/8" x 2-3/4" (29 mm x 70 mm)
- Dust box included



### 3911

#### Thru-Bolt Jig

For lever set only



### 3934

#### Full Lip Strike

1-5/8" x 2-1/4" (41 mm x 57 mm)



### 3935

#### Standard ASA Strike Plate

- 1-1/4" x 4-7/8" (32 mm x 124 mm)
- 1-5/16" lip
- Other lengths available upon request



### 3958

#### Full Lip Strike with Round Corner

- 1-5/8" x 2-1/4" (41 mm x 57 mm)
- 1/4" (6 mm) radius