



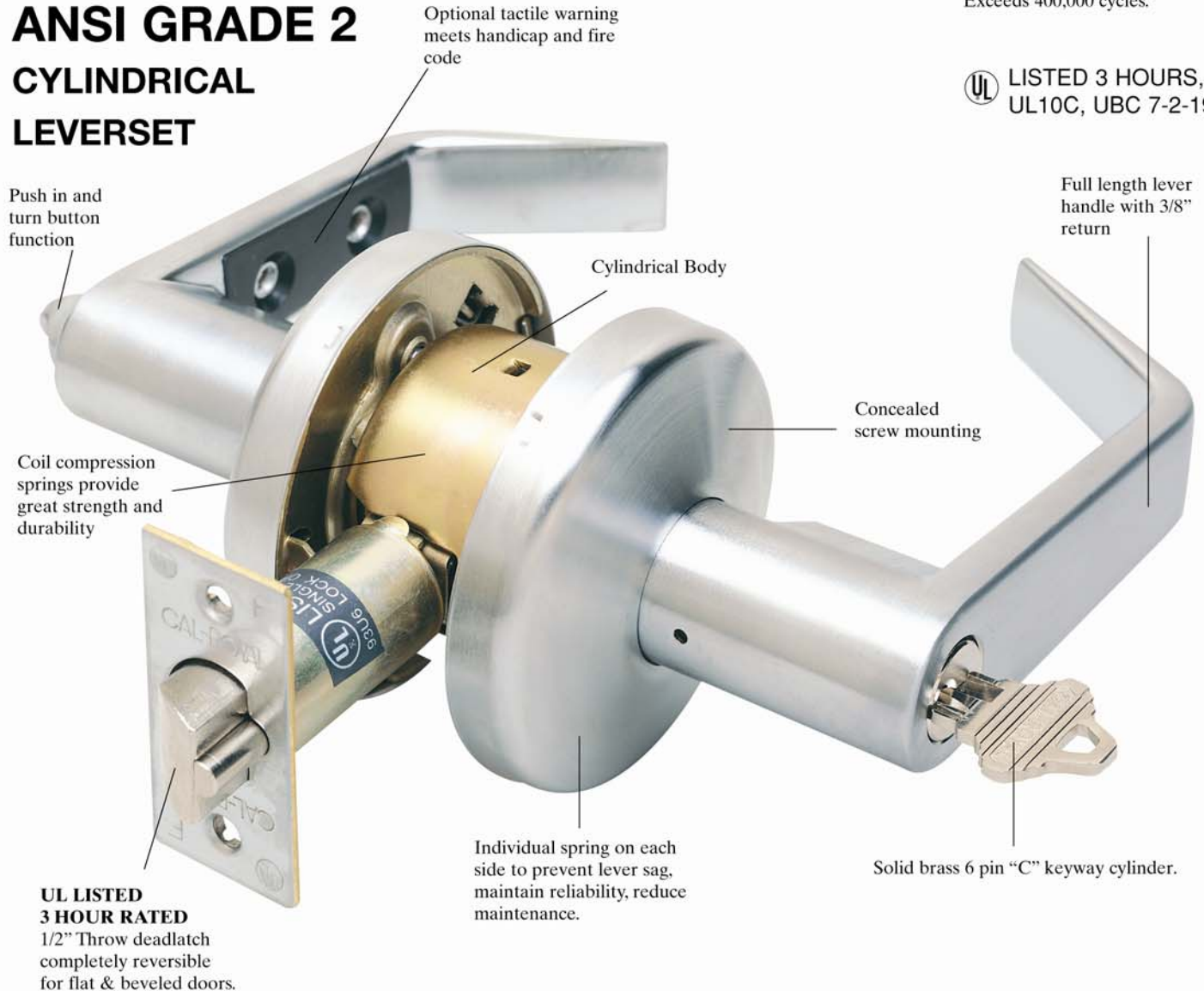
# CAL-ROYAL

P R O D U C T S , I N C .

## CHALLENGER SERIES SG DESIGN ANSI GRADE 2 CYLINDRICAL LEVERSET

 Meets ADA requirements.  
Specially designed for  
Barrier Free Application  
Conforms with ANSI A156.2  
Series 4000, Grade-2.  
Exceeds 400,000 cycles.

 LISTED 3 HOURS,  
UL10C, UBC 7-2-1997



**When ordering ASTOR design, replace design name.**

**Example: SG-00 Entrance in ASTOR design is AST-00. SPECIFY HANDING**

**MANHATTAN  
MAN DESIGN**



**ASTOR  
AST DESIGN**



**DOVER  
DOV DESIGN**



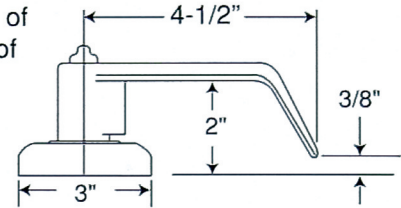
## FINISHES AVAILABLE

BHMA SYMBOL	US CODE	DESCRIPTION
605	3	Polished Brass
612	10	Satin Bronze
613	10B	Oil Rubbed Bronze
625	26	Bright Chrome
626	26D	Satin Chrome
606	4	Satin Brass

Other finishes available with lead time.

## DIMENSIONS

The lever features a 3/8" return and projection of 2-3/8" from the face of door.



## SPECIFICATIONS

### Applications

For offices, schools, hospitals, apartments, hotel/motel and other public buildings.

### Door Ranges

1-3/8" to 1-3/4" thickness doors.

### Backset

2-3/4" Standard, 2-3/8", 3-3/4" and 5" optional.

### Front

2-1/4" X 1-1/8", adjustable for flat or beveled doors 1/8" in 2".

### Strike

ASA strike standard, "T" and full lip strike available on request.

### Latchbolt

1/2" Throw solid brass, reversible for RH or LH applications. UL listed.

### Latch & Strike Screws

8-32 X 1" FPH dual purpose.

### ANSI Standards

Meets or exceeds requirements of BHMA/ANSI A156.2 Series 4000 grade 2 (FF-H 106C), 400,000 cycles.

### Exposed Trim

Wrought brass, bronze or stainless steel, levers are Zinc casting, plated to match trim finish.

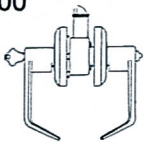
### Keying

6-pin "C" keyway cylinder, 2 keys per lock. Keying as per individual job requirement.

### Cylinders & Keyways

6 pin solid brass "C" key way standard. Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale 8, Yale GA, KWIKSET KW (Optional). Can also accept medeco, ASSA, and KABA high security cylinders.

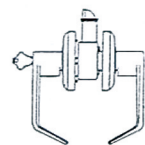
### SG-00



### ENTRANCE/OFFICE LOCK

**Turn/Push button locking.** Pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Pushing button locks outside knob until unlocked with key or inside knob is turned.

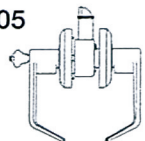
### SG-03



### CLASSROOM LOCK

Dead locking latch bolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latch bolt is operated by turning inside lever.

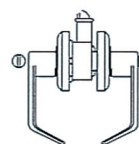
### SG-05



### STOREROOM LOCK

Outside lever fixed. Entrance by key only. Inside lever always unlocked.

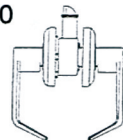
### SG-20



### PRIVACY LOCK

Latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside. Turning inside lever or closing door release push button.

### SG-30



### PASSAGE SET

Latch bolt operated by lever from either side at all times.

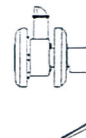
### SG-40



### DUMMY LEVER

Single dummy trim for one side of door. Pull only.

### SG-50



### EXIT LOCK

Blank plate outside. Inside lever always unlocked.

# CAL-ROYAL

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