

STANDARD POWDER COAT FINISHES

LCN powder coating provides superior protection against the effects of weather conditions and is an environmentally friendly process. The high quality, chip resistant finish is far superior to any previously offered. Corrosion resistance surpasses 100 hours salt spray testing (four times the industry standard). Non-metallic components also provide the same high resistance to the effects of the elements. All LCN products must be shipped with a finish.

**LCN STANDARD FINISHES
(CLOSEST BHMA EQUIVALENT):****ALUM ALUMINUM** (BHMA 689)**DKBRZ DARK BRONZE** (BHMA 695)**STAT STATUARY BRONZE** (BHMA 690)**LTBRZ LIGHT BRONZE** (BHMA 691)**BLK BLACK** (BHMA 693)**BRASS BRASS** (BHMA 696)**OPTIONAL CUSTOM POWDER COAT FINISHES**

LCN offers custom powder coating to provide a custom appearance and all the corrosion resistance of standard powder coat finishes at a nominal additional cost. LCN uses the RAL numbering system for the 150+ custom colors available. Contact your local SSC representative for a brochure showing the available custom colors. Note: Custom powder coat finishes require a metal cover.

OPTIONAL PLATED FINISHES

Visible components such as metal covers, arms, fasteners, and finish plates are plated to match the selected finish. Surface mounted tracks are powder coated to compliment the plated finish. Hidden assemblies such as cylinders, tracks, and mounting plates are supplied with a powder coated finish. Plated finishes require handling of closers.

LCN PLATED FINISHES:

US 3	Bright Brass (BHMA 632)
US 4	Satin Brass (BHMA 633)
US 10	Satin Bronze (BHMA 639)
US 11	Satin Bronze (BHMA 643)
US 15	Satin Nickel (BHMA 646)
US 26	Bright Chrome (BHMA 651)
US 26D	Satin Chrome (BHMA 652)

LCN PAINTED FINISHERS

Aluminum	ALUM (BHMA 689)
Dark Bronze	DKBRZ (BHMA 695)

SPECIAL RUST INHIBITING (SRI) PROCESS

For installations where a higher level of protection against weather conditions, or the effects of a potentially corrosive atmosphere is required, LCN offers a special rust inhibiting (SRI) process. Ferrous metal components receive an SRI pretreatment and a standard powder coat finish of your choice, or a custom powder coat finish for a nominal additional cost. Closers treated with the SRI process exceed the 100 hour protection level available with standard LCN powder coated finishes. For details, contact your local SSC representative or the LCN factory.

STANDARD ANODIZED FINISHES

LCN Senior Swing & Benchmark electromechanical power operators are offered with an anodized finish. Anodizing is an electrochemical process that thickens and toughens the protective oxide on aluminum metal.

LCN ANODIZED FINISHES:

Aluminum	ANCLR (BHMA 628)
Dark Bronze	ANDKBRZ (BHMA 710)

Arm Options

STD	- Standard Arm
REG	- Regular Arm
Rw/PA	- Regular Arm with Parallel Arm Shoe
R/62A	- Regular Arm with Auxiliary Parallel Arm Shoe
H	- Hold Open Arm
Hw/PA	- Hold Open Arm with Parallel Arm Shoe
LONG	- Long Arm
XLONG	- Extra Long Arm
HLONG	- Hold Open Long Arm
EDA	- Extra Duty Arm
EDAw/62G	- Extra Duty Arm with Thick Hub Shoe
HEDA	- Hold Open Extra Duty Arm
HEDAw/62G	- Hold Open Extra Duty Arm w/ Thick Hub Shoe
CUSH	- Cush -n- Stop Arm
HCUSH	- Hold Open Cush -n- Stop Arm
SCUSH(SCNS)	- Spring Cush -n- Stop Arm
SHCUSH(SHCNS)	- Spring Hold Open Cush -n- Stop Arm
SF	- Swing Free Arm
DE	- Double Egress Arm
FL	- Fusible Link Arm

Control Box Options

SC	- Standard Control Box
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Cylinder Options

STD	- Standard Cylinder
DEL(DA)	- Delayed Action Cylinder
AVB	- Advanced Variable Backcheck
B80	- Bypass 80 Degree ME Cylinder
B140	- Bypass 140 Degree ME Cylinder
TEL	- Telephone Cylinder

Cover Option

STD	- Standard Plastic Cover
MC	- Metal Cover
FC	- Full Cover
CL	- Cover Length
DSI	- Designer Series Cover

Track Options

STD	- Standard Track
HO	- Hold Open Track
BUMPER	- Track with Bumper
HBUMPER	- Hold Open Track with Bumper

Fastener Pack Options

WMS	- Wood & Machine Screws
TBWMS	- Thru-Bolt, Wood & Machine Screws
SRT	- Self Reaming & Tapping Screws
TBSRT	- Thru-Bolt, Self Reaming & Tapping Screws
TORX	- 'TORX' Machine Screws
TBTRX	- Thru-Bolt, 'TORX' Machine Screws
UNIV	- Universal Screw Pack

Motor Gearbox Options

SF	- Standard Force Motor Gearbox
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Powder Coat Finishes

AL	- Aluminum
DKBRZ	- Dark Bronze
STAT	- Statuary Bronze
LTBRZ	- Light Bronze
BLK	- Black
BRASS	- Brass

Miscellaneous Terms

ELR	- Extra Long Rod
SRI	- Special Rust Inhibitor
SE	- Single Point Electronic
ME	- Multi-Point Electronic
PAH	- Parallel Arm Holder
HSA	- Hold Open / Scanner Activated
ES	- Electric Strike Relay (Control Boxes)
S	- Sequential (Control Boxes)
RF	- Radio Frequency
TJ	- Top Jamb
PA	- Parallel Arm
G	- Flush Ceiling
T	- Track
DPS	- Door Position Switch
LR	- Long Rod
ST	- Special Template
RH	- Right Hand
LH	- Left Hand
HL	- Header Length
DD	- Double Door Header
POS	- Positive Mechanical Stop
BKY	- Panic Breakaway Stop
XP	- Extra Protection



The 9150 BENCHMARK by LCN is an electrically powered low-energy operator. It provides easy access for people with disabilities, or the elderly. Designed primarily for automatic opening applications that occasionally require manual opening. The BENCHMARK is a cost-effective solution for retrofitting an activated or manual door.

Certifications	Grade 1 - ANSI A156.19, UL325/228 ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act	Cover	Metal, standard
Handing	Non-Handed	Fasteners	Wood and machine screws
Templating	Peel-n-Stick templates - 2-3/8" x 6-3/4" Mounting Hole Pattern	Mounting	Pair of doors, surface mount, offset pivot / butt hinges (Push Side)
Door Width	<ul style="list-style-type: none"> ■ Minimum door width 52" - 96" ■ 72" door width only for full length double operator 	Arms	Regular arms
Warranty	2 years	Finishes/Colors/ Powder Coat	<ul style="list-style-type: none"> ■ Anodized aluminum, standard ■ Dark bronze, optional

Special Templates

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

MOUNTING						HANDING		FINISH	COVER	ARM FUNCTION		
SURFACE MOUNT SINGLE DOOR						HANDED	STANDARD ANODIZED	METAL	STANDARD (SINGLE LEVER)	REGULAR (DOUBLE LEVER)	OFFSET EGRESS (PUSH/PULL)	CENTER PIVOT BUTT HINGE ARM
SURFACE MOUNT SIMULTANEOUS PAIR												
SURFACE MOUNT INDEPENDENT PAIR						NON-HANDED	STANDARD ANODIZED	METAL	STANDARD (SINGLE LEVER)	REGULAR (DOUBLE LEVER)	OFFSET EGRESS (PUSH/PULL)	CENTER PIVOT BUTT HINGE ARM
CONCEALED SINGLE DOOR												
CONCEALED SIMULTANEOUS PAIR						HANDED	STANDARD ANODIZED	METAL	STANDARD (SINGLE LEVER)	REGULAR (DOUBLE LEVER)	OFFSET EGRESS (PUSH/PULL)	CENTER PIVOT BUTT HINGE ARM
CONCEALED INDEPENDENT PAIR												
HANDED						NON-HANDED	STANDARD ANODIZED	METAL	STANDARD (SINGLE LEVER)	REGULAR (DOUBLE LEVER)	OFFSET EGRESS (PUSH/PULL)	CENTER PIVOT BUTT HINGE ARM
NON-HANDED												
STANDARD ANODIZED						METAL	STANDARD ANODIZED	METAL	STANDARD (SINGLE LEVER)	REGULAR (DOUBLE LEVER)	OFFSET EGRESS (PUSH/PULL)	CENTER PIVOT BUTT HINGE ARM
METAL												
STANDARD (SINGLE LEVER)						REGULAR (DOUBLE LEVER)	DOUBLE EGRESS (PUSH/PULL)	OFFSET PIVOT BUTT HINGE ARM	CENTER PIVOT ARM			
REGULAR (DOUBLE LEVER)												
DOUBLE EGRESS (PUSH/PULL)						OFFSET PIVOT BUTT HINGE ARM	CENTER PIVOT ARM					
OFFSET PIVOT BUTT HINGE ARM												
CENTER PIVOT ARM												

● AVAILABLE

○ NOT AVAILABLE

● AVAILABLE
○ NOT AVAILABLE

9150 Series Benchmark

Ordering Information

How-to-order 9150 Series closers

Specify Finish

- ☐ Standard Anodized Finish _____
Aluminum or Dark Bronze

Operator options

Arm

- ☐ Long Arm (3077L) (Reveals 6" to 9-3/4")

Operator will be shipped with:

- Standard motor gearbox (2 ea)
 - Standard control box (2 ea)
 - Mounting bracket (2 ea)
 - 72" metal cover
 - Standard arm (2 ea)
 - Wood and machine screw pack
- unless options listed below are selected

Table of sizes

Notes:

- For 9150 Benchmark Series
- 72" door width only for full length push double door operator.