

Grade 2
Cylindrical
Locksets

DORMA CL700
CK700

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The quality management systems at the Reamstown, PA and Steeleville, IL facilities are certified to ISO-9001:2008.*

*DORMA Door Controls, Inc. dba DORMA Architectural Hardware

DORMA's CL700 and CK700 Series Grade 2 cylindrical locksets provide exceptional security, enhanced aesthetics, and rugged dependability.

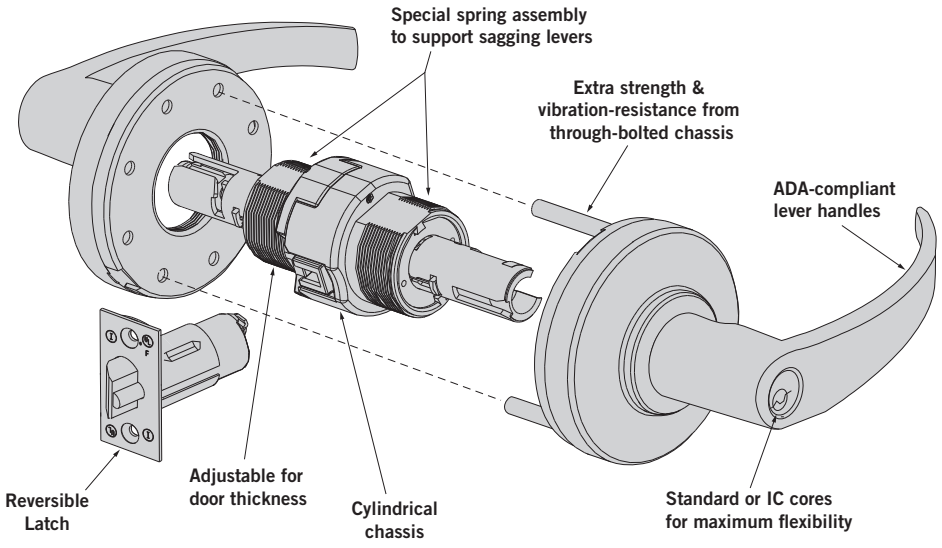
These key-in-lever locksets are built with a high performance cylindrical chassis for all applications where ANSI/BHMA A156.2 Series 4000 Grade 2 products are required. To meet the aesthetic needs of your project, these versatile locks are available in a range of lever and knob trim designs. Choose between the LR, LC, and LG lever designs or the KR and KB knob designs.

Recommended Applications

- Hotels
- Apartments
- Churches
- Municipal Buildings
- Airports
- Retail Complexes
- Offices
- Warehouses

Features

- All DORMA CL/CK700 Series locks feature advanced design concepts, providing exceptional reliability and are manufactured with the finest materials, delivering enhanced durability.
- DORMA CL/CK700 Series locksets are easy to install in both wood or hollow metal doors with ANSI/BHMA Standard A156.115 door preparations for cylindrical locks.
- All CL700 lever handle locks include special spring assemblies designed to hold the levers in the correct position.
- CL700 Series locks are through-bolted for additional strength and increased resistance to vibration.
- All CL/CK700 Series locks adjust easily to accommodate doors from 1-3/8"–1-7/8" thick without using spacers or special tools. Consult the factory for other door thicknesses.



Technical Details:

ANSI/BHMA A156.2 Series 4000, Grade 2	Yes	Heavy-duty residential Medium-duty commercial
UL listed for UL 10C	Yes	UL and CUL listed for use on 3-hour fire-rated doors and for all positive pressure applications
Non-handed	Yes	Simple installation
Key-in-lever lock through-bolted	Yes	Provides added strength and security
Lock chassis constructed of steel and stainless steel components	Yes	Provides superior strength, durability, and corrosion resistance
Auxiliary deadlocking latch bolt	Yes	Prevents manipulation when door is closed (all keyed functions)

Certification/Compliance:

ANSI: Meets A156.2 Series 4000 Grade 2. Meets A117.1 accessibility code and ADA requirements for barrier-free accessibility.

UL/CUL – UL 10C Positive Pressure: All CL/CK700 are listed 3 hour fire rated. Locks with 1/2" throw latch bolts are listed for A label and lessor class doors, 4'0" × 8'0" maximum per leaf.

Cylinders and Keying:

- Unless otherwise specified, cylinders will be provided in DORMA standard keyway with two (2) nickel silver keys.
- Optional patented key system available.
- Refer to separate **DORMA Price List** for full details and options such as master keying, retrofit cylinders and keyways, and small format interchangeable cores.

Warranty: For details, refer to **Limited Warranty Policy** in the current DORMA Price List.

Finishes:

Brass: 605 (Bright) or 606[1] (Satin).
Bronze[1]: 612 (Satin) or 613 (Dark Oxidized Satin).
Chrome[1]: 625 (Bright) or 626 (Satin).
Stainless[2]: 630 (Satin).

1. Available on lever handle locksets only.
2. Available on knob locksets only.

Special Finish Notes:

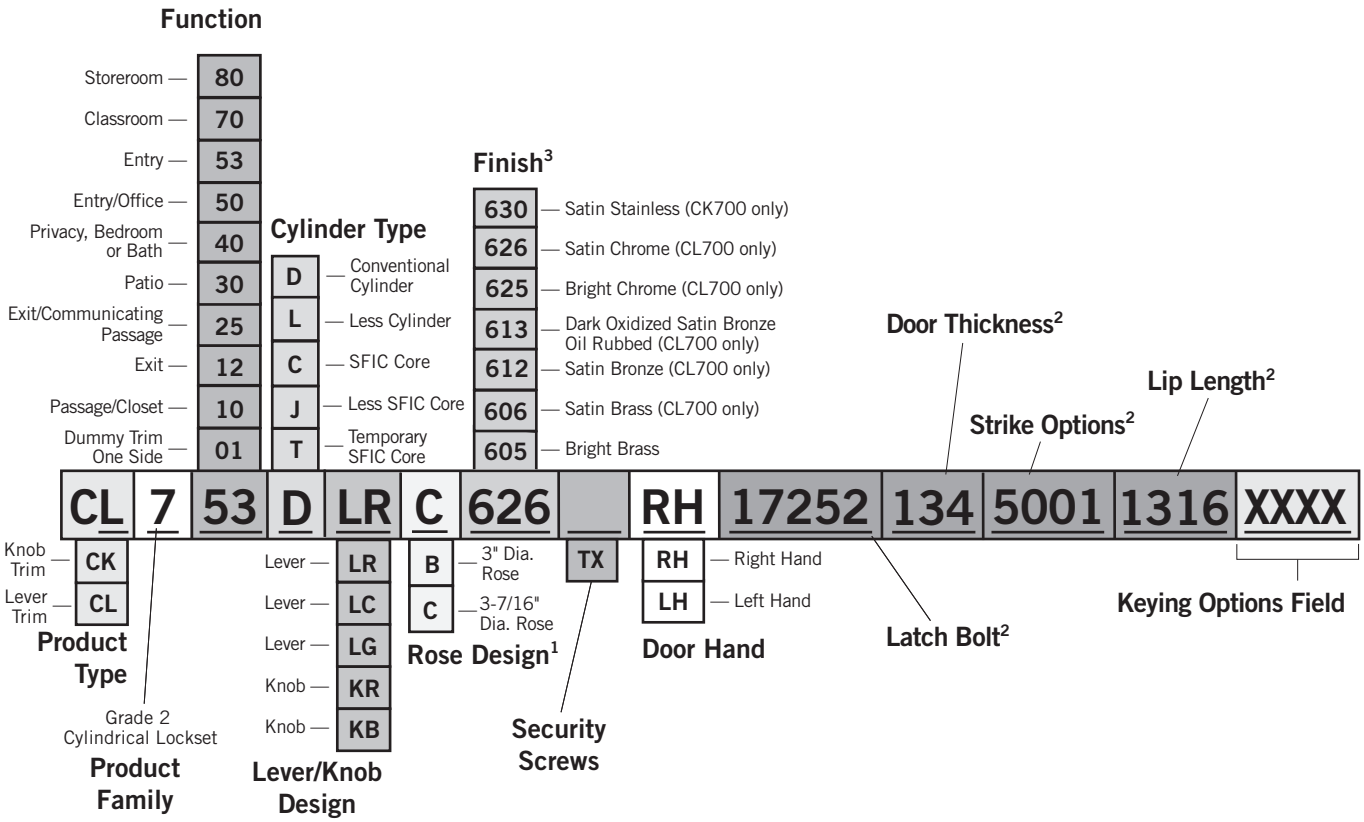
ANSI/BHMA A156.18 standards describe 613 Dark Oxidized Satin Bronze finish as a category B finish. B category finishes, "do not match from one alloy or form of material to the next and from one manufacturer to the next." The 613 finish may vary between manufacturers' products and models.

In some instances, for customer convenience, the most appropriate BHMA finish symbols are used to indicate similarity of appearance, regardless of base metal or finishing process. Levers are zinc-based material and are finished to match finishes indicated. Finishes of latches, strikes, cylinders/cores, and visible mounting screws, though similar in appearance, may differ from the finish of the trim. Finish designations in the 600 numbers are the BHMA (Builders Hardware Manufacturers Association) industry standard.

Security Screws:

Torx® tamper-resistant screws are available for all exposed screws. Specify **TX.**

How to Order CL700/CK700 Series



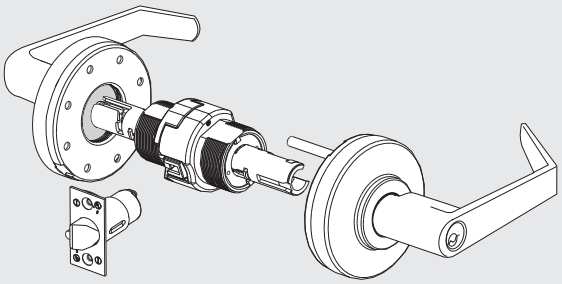
1. Rose B is applicable to KR/KB designs only.
   Rose C is applicable to LR/LC/LG designs only.
2. Example shows default values. Refer to Configuration Options section for full details.
3. For split finishes, specify hand and consult factory.
4. Refer to **DORMA Price List** for full details.

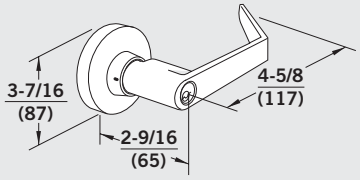
The CL700 Series ANSI/BHMA Grade 2 Cylindrical Locks are available in three lever trim designs.

- ADA compliant levers feature solid, cast handles with return to within 1/2" (12 mm) of the door face.
- Available Finishes:
  Brass: 605 (Bright) or 606 (Satin)
  Bronze: 612 (Satin) or 613 (Dark Oxidized)
  Chrome: 625 (Bright) or 626 (Satin)

LEVER DESIGN – LR



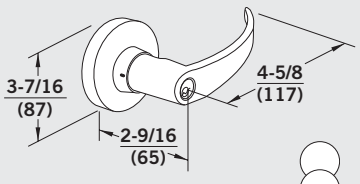




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LEVER DESIGN – LC

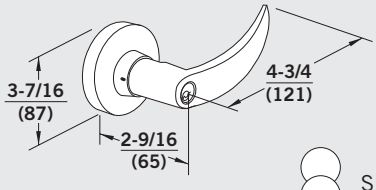




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LEVER DESIGN – LG





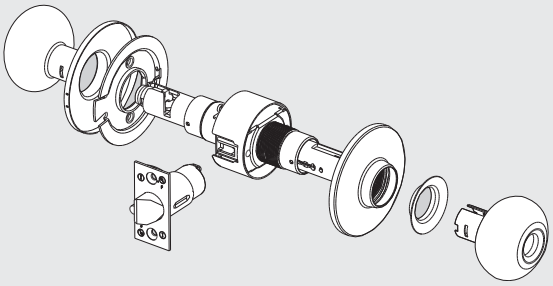
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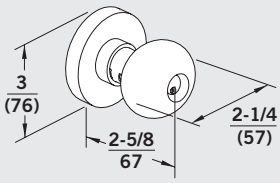
The CK700 Series Cylindrical Locks are available in two knob designs

- KB and KR knobs include steel reinforcement.
- Available Finishes:
  Brass: 605 (Bright)
  Stainless: 630 (Satin)

KNOB DESIGN – KR



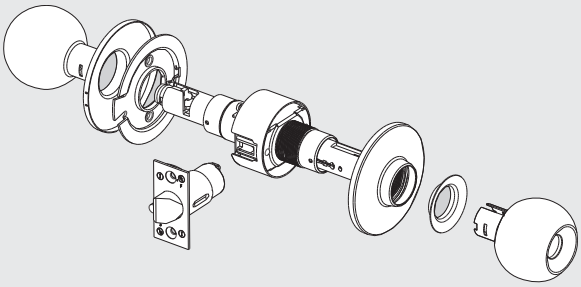


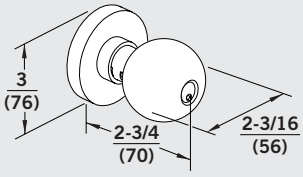


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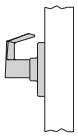
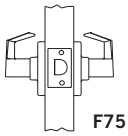
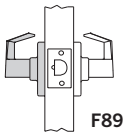
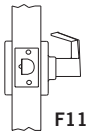
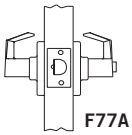
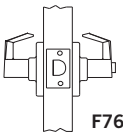
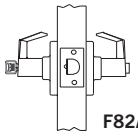
KNOB DESIGN – KB





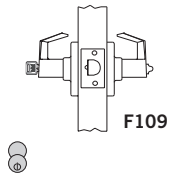
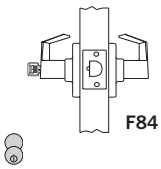
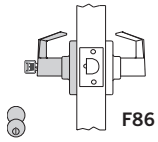


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FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Dummy Trim One Side	**CL701 CK701**		• Used as pull or matching trim on pairs of doors. • Trim is surface mounted.
Passage/Closet	**CL710 CK710**	 **F75**	• Latch bolt operated by trim from either side at all times.
Exit	**CL712**	 **F89**	• Deadlocking latch bolt retracted by trim from inside at all times. • Outside trim always rigid. • Inside trim always unlocked.
Exit/ Communicating Passage	**CL725**	 **F111**	• Deadlocking latch bolt operated by inside trim. • Blank plate outside. • Minimum clearance 1" on single doors and 2" between double doors.
Patio	**CL730 CK730**	 **F77A**	• Deadlocking latch bolt operated by trim from either side • Outside trim locked by push button or locking device inside. • Outside trim unlocked by inside trim. • Outside trim unlocked by closing door. • Inside trim always unlocked. • Do not use in rooms that have no other entrance.
Privacy, Bedroom or Bath	**CL740 CK740**	 **F76A**	• Latch bolt operated by trim from either side. • Outside trim locked by push button or locking device inside. • Outside trim unlocked by emergency release from outside. • Outside trim unlocked by inside trim. • Outside trim unlocked by closing door. • Inside trim always unlocked.
Entry/Office	**CL750**	 **F82A**	• Deadlocking latch bolt operated by trim from either side, except when outside trim locked by push button inside. • Key outside releases push button, unlocking outside trim. • Operating inside trim releases push button, unlocking outside trim. • Inside trim always operates latch bolt.

Indicates SFIC Core available.

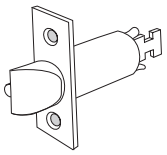
Indicates rigid lever.

FUNCTION	SERIES	OUTSIDE/INSIDE	DESCRIPTION
Entry	**CL753** **CK753**	 **F109**	• Deadlocking latch bolt operated by trim from either side, except when outside trim locked by push button inside. • Key outside releases push button, unlocking outside trim, except when inside button pushed and turned to keep outside trim locked. • Operating inside trim releases push button, unlocking outside trim, except when inside button pushed and turned to keep outside trim locked. • Inside button must be turned to unlock outside trim. • Inside trim always operates latch bolt.
Classroom	**CL770** **CK770**	 **F84**	• Deadlocking latch bolt operated by trim from either side, except when outside trim locked by key from outside. • When outside trim locked, latch bolt is operated by key in outside trim. • When outside trim locked, latch bolt operated by inside trim.
Storeroom	**CL780** **CK780**	 **F86**	• Deadlocking latch bolt retracted by key in outside trim. • Deadlocking latch bolt operated by inside trim. • Outside trim always inoperable.

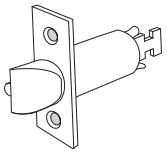
 Indicates SFIC Core available.

 Indicates rigid lever.

1/2" THROW LATCH BOLT

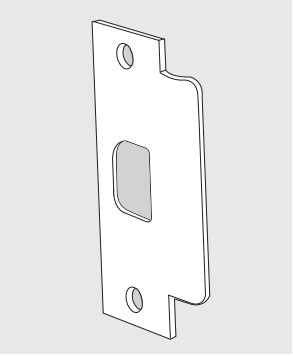
 DORMA FUNCTION (ANSI)	PART NUMBER				
	2-3/4" Backset 1-1/8"W x 2-1/4"H Square Corner	2-3/4" Backset 1"W x 2-1/4"H Square Corner	2-3/4" Backset 1"W x 2-1/4"H 1/4" Radius Corner	3-3/4" Backset 1-1/8"W x 2-1/4"H Square Corner	3-3/4" Backset 1"W x 2-1/4"H Square Corner
710 (F75) – Passage/Closet	**17202**	17200	17201	17302	17300
712 (F89) – Exit	**17252**	17250	17251	17352	17350
740 (F76A) – Privacy, Bedroom or Bath	**17232**	17230	17231	17332	17330
730 (F77A) – Patio	**17282**	17280	17281	17382	17380
750 (F82) – Entry/Office	**17252**	17250	17251	17352	17350
770 (F84) – Classroom	**17252**	17250	17251	17352	17350
780 (F86) – Storeroom	**17252**	17250	17251	17352	17350
753 (F109) – Entry	**17252**	17250	17251	17352	17350
725 (F111) – Exit/Communicating Passage	**17252**	17250	17251	17352	17350
701 – Dummy Trim One Side	**-**	-	-	-	-

1/2" THROW LATCH BOLT (continued)

 DORMA FUNCTION (ANSI)	PART NUMBER			
	3-3/4" Backset 1"W x 2-1/4"H 1/4" Radius Corner	2-3/8" Backset 1-1/8"W x 2-1/4"H Square Corner	2-3/8" Backset 1"W x 2-1/4"H Square Corner	2-3/8" Backset 1"W x 2-1/4"H 1/4" Radius Corner
710 (F75) – Passage/Closet	17301	17102	17100	17101
712 (F89) – Exit	17351	17152	17150	17151
740 (F76A) – Privacy, Bedroom or Bath	17331	17132	17130	17131
730 (F77A) – Patio	17381	17182	17180	17181
750 (F82) – Entry/Office	17351	17152	17150	17151
770 (F84) – Classroom	17351	17152	17150	17151
780 (F86) – Storeroom	17351	17152	17150	17151
753 (F109) – Entry	17351	17152	17150	17151
725 (F111) – Exit/Communicating Passage	17351	17152	17150	17151
701 – Dummy Trim One Side	-	-	-	-

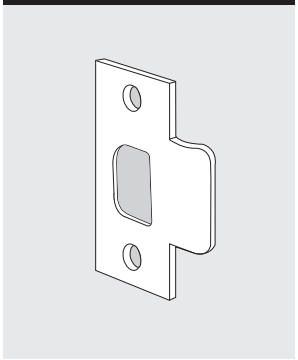
NOTES:
- 2-3/4" backset with 1/2" throw is the CL/CK700 Series default.
- Links for 3-3/4" and 5" backset require 2-3/8" backset latches.

4-7/8" Strike



5001 — ANSI 1-1/4" x 4-7/8" square strike. 1-3/16" lip length. Default strike for all CL700 Series Locks. Optional strike for CK700 Series locks.
76006253 — Optional dust box for 5001 ANSI strike.

T-Strike

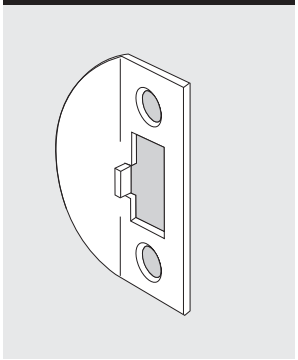


Dust box included.

5101 — 1-1/8" x 2-3/4" square T-strike. 1-1/8" lip length. Default Strike for all CK700 Series Locks. Optional for CL700 Series Locks.
5102 — 1-1/8" x 2-3/4" T-strike with 1/4" radiused corners 1-1/8" lip length. Optional for all CL/CK700 Series locks.

For optional 1-1/2" lip length, specify 5101-112 or 5102-112.

Full Lip Strike



5201 — 1-5/8" x 2-1/4" square full curved lip strike. 1-1/8" lip length. Optional for all CL/CK700 Series locks.
5202 — 1-5/8" x 2-1/4" full curved lip strike with 1/4" radiused corners. 1-1/8" lip length. Optional for all CL/CK700 Series locks.
76006254 — Optional dust box for 5201 and 5202 strikes.

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