

BROCHURE

**NR** NORTON  
RIXSON

# DOOR CLOSERS

**ASSA ABLOY**

Experience a safer  
and more open world



# DOOR CLOSER SELECTION GUIDE

**HIGH USE**

- 2800ST\***  
Cam Action Heavy-Duty
- 7500**  
Aluminum Heavy-Duty
- 9500\***  
Cast Iron Heavy-Duty

**MODERATE USE**

- 8000**  
Aluminum Medium-Duty
- 1600**  
Aluminum Medium-Duty
- 410**  
Cast Iron Medium-Duty

**LOW USE**

- 1700**  
Aluminum Light-Duty
- 78-B/F**  
Aluminum Light-Duty
- 160**  
Aluminum Light-Duty
- 210**  
Aluminum Light-Duty

\* 2800ST and 9500 Series Closers are primarily specified. All others are for both specified and discretionary projects.

**FEATURES**

## 9500 SERIES

Multi-size cast iron door closer for high-use applications.



### FEATURES

- » Cast iron closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms available: Regular Rigid, Parallel Rigid, CloserPlus®, Parallel Rigid Offset and Unitrol®
- » Slide Track: push or pull side mounting
- » Closer mounting plate for easy installation
- » 25+ million cycles
- » 30-year limited warranty

### MARKET SEGMENT

- » Government
- » Industrial
- » Institutional

## 7500 SERIES

A robust, multi-sized surface closer designed to deliver superior performance and long-term reliability.

**Declare.**



### FEATURES

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms: Regular Rigid, Parallel Rigid, CloserPlus®, CloserPlus Spring™ and Unitrol®
- » Slide Tracks: push or pull side mounting
- » Corrosion resistant model available (specify 7500SS)
- » 25+ million cycles
- » 30-year limited warranty

### MARKET SEGMENT

- » Government
- » Industrial
- » Institutional

## 8000 SERIES

Multi-sized surface closer with a complete range of arms and a sleek, minimal design suited for architectural openings.



### FEATURES

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Heavy-duty arms available: Parallel Rigid, CloserPlus®, CloserPlus Spring™ and Unitrol®
- » Available with full or slim line cover
- » 25+ million cycles
- » 30-year limited warranty

### MARKET SEGMENT

- » Government
- » Industrial
- » Institutional

## 1600 SERIES

Fully adjustable door closer for aluminum storefronts and other medium traffic applications.



### FEATURES

- » Cast aluminum closer body
- » Adjustable sizes (1-6) and fixed sizes (3 or 4) available
- » Heavy-duty arms available: Parallel Rigid, CloserPlus®, CloserPlus Spring™, Cushion Stop and Unitrol®
- » Corrosion resistant model available (specify 1601SS)
- » 25+ million cycles
- » 30-year limited warranty

### MARKET SEGMENT

- » Institutional
- » Commercial
- » Retail

## 1700 SERIES

Multi-feature closers with compact design, ideal for application on interior doors.



### FEATURES

- » Cast aluminum closer body
- » Size 3 or 4 depending on installation
- » Installs regular arm, parallel arm or top jamb
- » 5-year limited warranty

### MARKET SEGMENT

- » Commercial
- » Retail
- » Multi-Housing

## 2800ST SERIES

Cam action door closer for slide track applications.



### FEATURES

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Slide track application with regular arm operating efficiency
- » Push or pull side mounting
- » 10-year limited warranty

### MARKET SEGMENT

- » Industrial
- » Institutional
- » Commercial

## 78-B/F SERIES

Potbelly closer ideal for retro look.



### FEATURES

- » Cast aluminum closer body
- » Adjustable spring power:
  - › B/D - Spring size 2, 3, or 4
  - › E/F - Spring size 5 and 6
- » 10-year limited warranty

### MARKET SEGMENT

- » Industrial
- » Commercial
- » Retail

## 410 SERIES

Attractive retrofit solution for moderate-to-high traffic applications.



### FEATURES

- » Cast iron closer body
- » Adjustable spring sizes 1-6
- » Optional arms: Heavy-duty arm with removable stop, heavy-duty arm with removable stop and spring buffer
- » Direct replacement for LCN 4040XP
- » 10-year limited warranty

### MARKET SEGMENT

- » Industrial
- » Institutional
- » Commercial

## 210 SERIES

Adjustable door closer for light duty commercial applications.



### FEATURES

- » Cast aluminum closer body
- » Adjustable spring sizes 1-6
- » Full plastic cover
- » Optional heavy-duty arm with removable stop
- » 10-year limited warranty

### MARKET SEGMENT

- » Institutional
- » Commercial
- » Retail

## 160 SERIES

Simple door control for light duty applications.



### FEATURES

- » Cast aluminum closer body
- » Adjustable sizes (1-4) and fixed size (4) available
- » Hold open arms available for 161BF only
- » 5-year limited warranty

### MARKET SEGMENT

- » Commercial
- » Retail
- » Multi-Housing



EPD



HPD



Declare Labels available

## NORTON RIXSON CLOSERS COMPARISON



CERTIFICATION & WARRANTY	CAST IRON		
	9500	9540	410
ANSI/BHMA A156.4	Grade 1	Grade 1	Grade 1
UL & ULC Listed	Yes	Yes	Yes
Warranty	25 Year	25 Year	10 Year
Extended Cycle Testing	25 Million	Per Standard	Per Standard
End of Life Recycling Program Available	Yes	Yes	Yes

### SIZE & CONSTRUCTION

Construction (Body)	Cast Iron	Cast Iron	Cast Iron
Mounting Hole Pattern	1" x 10"	2-1/4" x 5"*	2-1/4" x 5"*
Spring Size	Adjustable 1-6	Adjustable 1-6	Adjustable 1-6
Closer Body (Handing)	Non-Handed	Non-Handed	Non-Handed
Standard Backcheck	Yes	Yes	Yes

### OPTIONS

Plastic Cover	Standard	Standard	Standard
Metal Cover Option	Optional	Optional	No
Slim Line Cover Option	No	No	No
Delayed Action Option	Yes	Yes	Yes
Sex Nuts & Bolts (Tri-Style® pack)	Optional	Optional	Standard
Finishes	Multiple	Multiple	689, 690 only

### APPLICATION / ARM TYPE AVAILABILITY

Regular	•	•	•
Top Jamb	•	•	•
Parallel	•	•	•
Regular Rigid	•		
Parallel Rigid	•		
Heavy Duty: HDH/HDN			◦
CloserPlus	•		
CloserPlus Spring			◦
CloserPlus Ramp			
Cushion Stop			
Unitrol	•		
Low Profile			
Slide Track	•		

## NORTON RIXSON CLOSERS COMPARISON

ALUMINUM							
2800ST	7500	8000	1600	1700BC	78B/F	210	160
N/A	Grade 1	Grade 1	Grade 1	Grade 3	Grade 3	Grade 1	Grade 1
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10 Year	25 Year	25 Year	25 Year	5 Year	10 Year	10 Year	5 Year
N/A	25 Million	25 Million	25 Million	Per Standard	Per Standard	Per Standard	Per Standard
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
1"x 11-1/8"	2-3/8" x 6-3/4"	3/4" x 12"	3/4" x 9-1/16"	3/4" x 8"	4-1/8" x 1-3/8"	3/4" x 12"	3/4" x 9-1/16"
Adjustable 1-6	Adjustable 1-6	Adjustable 1-6	Adjustable 1-6 Size 3, 4	Size 2, 3, 4	Size 2-4; Size 5-6	Adjustable 1-6	Adjustable 1-4 Size 4
Non-Handed	Non-Handed	Non-Handed	Non-Handed	Non-Handed	Handed	Non-Handed	Non-Handed
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Standard	Standard	Standard	Optional	Optional	No	Standard	Optional
No	Optional	Optional	No	No	No	No	No
No	No	Optional	No	No	No	No	No
No	Yes	Yes	No	No	Yes	No	No
Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard
Multiple	Multiple	Multiple	Multiple	689, 690 only	Multiple	689, 690 only	689, 690 only

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\*Retrofit LCN4040XP  
◦ Specific to Individual Series

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.



ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

NORTON RIXSON	ARCHITECTURAL		COMMERCIAL						
	LCN	DORMAKABA	PDQ	CAL ROYAL	STANLEY	FALCON	HAGER	LAWRENCE	TAYMOR
9500	4040XP	X	X	X	X	X	X	LH8016	X
7500	4050	8900	X	X	D4550	SC70A	X	LH816	X
8501	1460 x FC	8600	5500	X	D3551	X	X	X	X
8301	1460	8600	5300	X	D3550	X	X	X	X
1600	1260	7400	X	X	D1650	X	X	LH5016	X
1700	X	TS77	X	X	X	SC90A	X	LH503/534	690
9300	X	640	X	700	D1650	X	5400	X	X
2800ST	X	TS93	X	X	X	X	X	X	X
78B/F	X	X	X	X	X	X	X	X	X
410	X	X	7100	CR441	QDC110	X	5100	X	4000
210	1450	X	5100	900/800	QDC211	SC80A	5200	X	1900
160	1250	7300	3100	300/400	QDC311	SC60A	5300	LH303	600

Note: No products are exactly alike. This cross reference represents our judgement of products that are most similar. Information has been obtained from trade sources. It is not represented nor guaranteed that any product exactly equals any other products.

Since 1880, Norton Rixson door controls have been an integral part of schools, hospitals and businesses around the globe. When you need products and people that perform at the highest level, rely on Norton Rixson – From Open to Close.

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