

COMMON APPLICATIONS

	Series	Duty	Applications
	SC70 Series	Heavy	Commercial / Exterior Door Commercial / Interior Door Aluminum Store Front
	SC80 Series	Medium	Commercial / Exterior Door Commercial / Interior Door Aluminum Store Front
	SC60 Series	Light-Medium	Commercial / Exterior Door Commercial / Interior Door Aluminum Store Front
	SC90 Series	Light	Commercial / Interior Door Aluminum Store Front
	SC R85 Series	Residential-Light	Commercial / Interior Door Residential
	OHC100A Series	Medium	Aluminum Store Front Retail

HOW TO ORDER

	Cylinder	Size	Finish	Arm Type	Accessories
SC70 Series	STD	1-6	Aluminum	Rw/PA	Plate, SC70-18TJ
	DEL		Dark Bronze Brass	Hw/PA HD DS HO/DS SS SS/HO	Plate PA, SC70-18PA Offset PA Shoe, SC70-62A

	Cylinder	Size	Cover	Finish	Arm Type	Accessories
SC80 Series	STD	1-4 (SC81)	Full	Aluminum	Rw/PA	Plate, SC80-18TJ
	DEL	2-5 (SC80)	Slim	Dark Bronze Brass	Hw/PA HD DS HO/DS SS SS/HO	Plate, SC90-18PA Offset PA Shoe, SC80-62A

	Cylinder	Size	Cover	Finish	Arm Type	Accessories
SC60 Series	STD	1-4 (SC61)	Slim*	Aluminum	Rw/PA	Plate, SC60-18TJ
	DEL*	2-5 (SC60)	Less	Dark Bronze	Hw/PA*	Plate, SC60-18PA
		4 (SC64)		Brass*	HD*	Offset PA Shoe, SC60-62A
		5 (SC65)			DS *	
					HO/DS* SS* SS/HO*	

* Not available on SC64 and SC65

	Cylinder	Size	Cover	Finish	Arm Type	Accessories
SC90 Series	STD (with backcheck)	1 (SC91)	Full**	Aluminum	Rw/PA	Plate, SC90-18TJ**
		3 (SC93)	Less	Dark Bronze	Hw/PA	Plate, SC90-18PA**
	WOBC* (without backcheck)	4 (SC94)		Brass		

* only SC91.

** Available only for SC93 and SC94

	Cylinder	Finish
SC R85 Series	STD	Ivory
	HO	Dark Brown

	Cylinder	Size	Arm Type	Arm Finish	Accessories
OHC100A Series	STD	90°	S (Side Load Arm)	Aluminum	AFK Bracket
	HO	105°	A (End Load Arm) VO (Offset Arm and Track)	Dark Bronze (available on VO arm only)	GE Pivot* DP Pivot*

*Not available with VO Arm Type

Mechanical Door Closers

Door Hardware Made Easy!

Dor-O-Matic offers a comprehensive product range to control the movement of your doors. We understand that building owners need to strike a balance between opening security, safety and durability at a cost that meets business objectives. Dor-O-Matic products are designed to meet the most common installation and application requirements in the commercial marketplace so that our products exceed the needs of customers who value reliable door control products, excellent service and prompt delivery.

Dor-O-Matic Products – Great Solutions for Every Application

To guarantee the correct solution for each application, it is imperative to know two things: the expectations of the building owner and patrons, as well as any local code requirements. In today's commercial marketplace, building owners demand reliability from an opening and service provider; that's why Dor-O-Matic is a natural choice for opening solutions.

Frequency and fluidity of movement is important to consider when choosing a door closer. Dor-O-Matic has closers for every application, from low-cycle storeroom doorways to high-frequency entrance openings. This catalog highlights our product offering as well as special features, including a variety of arm options, covers and finishes.

Door Closers – It's a Matter of Control

You may think a door closer only controls the opening and closing cycles of a door, but it does much more than that. A dependable door closer is critical to a building's safety, security and accessibility. It also affects the durability of the door, as well as the aesthetics of the building.

The Value of Safety

When a fire occurs, self-closing doors are a critical element in any building's fire safety strategy, presenting barriers to fire and smoke. But, self-closing doors are only as effective as the reliability of their door closers. Dor-O-Matic door closers are precision engineered and tested, assuring reliable performance for every opening.

The Value of Security

The security of every perimeter door is crucial to the overall safety of any building. Door closers are a vital part of a building's security. Each door needs to close completely and securely if the locking and access systems are to function properly; otherwise, the whole building and its occupants are at risk.

The Value of Accessibility

Easy accessibility for people with special needs is important to every building. Dor-O-Matic offers a wide range of products that enhance building access to accommodate people with disabilities and special needs. Features such as opening force adjustability, hold-open arms and delayed action ensure easy access for everyone.

The Value of Design

Combining form and function, Dor-O-Matic products not only work reliably, they incorporate design and aesthetic elements – such as our concealed products, cover options and finishes – to give door openings visual appeal.

Why Choose Dor-O-Matic?

Dor-O-Matic offers a wide range of quality door closers that are consistently reliable, durable and economical. In addition, they're easy to select, easy to install, and they make it easy to bundle your hardware! When it comes to door closers, choosing Dor-O-Matic is an open and shut case!

Easy to Select

- Simple and clear product range
- Durable and reliable offerings
- Comprehensive cover and finish options

Easy to Install

- Common hole pattern for fast installation
- Tri-pack mounting fasteners for most common applications
- Fast and accurate installation
- Easy access, tamper-resistant adjustment screws

Easy to Bundle

Dor-O-Matic, combined with other Ingersoll Rand door hardware products, offers the most comprehensive and suited range to create safe, secure and productive environments.

A Door Closer for Every Application

Door closers are tested under strict guidelines to meet minimum industry standards, whether it is 500,000 or 1,500,000 cycles. How and where the door closer will be used is important in determining the correct closer for each application. Knowing the opening application and usage frequency will assist in selecting the best closer to meet the unique opening needs. As a guide, an average usage chart is reproduced below.

Building	Expected Frequency	
High Frequency / Heavy Duty	Daily	Yearly
Large Department Store Entrance	5,000	1,825,000
Large Office Building Entrance	4,000	1,460,000
Hospital Corridor & Surgical Doors	3,000	1,095,000
School Entrance	1,250	456,250
Medium Frequency / Medium Duty		
Hospital Consultation Rooms	100	36,500
School Corridor	100	36,500
Office Building Corridor	80	29,200
Storage Room	50	18,250
Low Frequency / Light Duty		
Residential Entrance	30	10,950
Residential Interior	20	7,300

Surface Closer Cross Reference

Dor-O-Matic	SC71 ¹	SC80 ² , SC81 ²	SC60 ³ , SC61 ³	SC94, ⁴ SC91
Norton	7500 ¹ /7700 ¹	P8300 (P8500) ²	P1600BC ³	P9304BC ⁴
Yale	P400	P3300 (P3500) ²	P51BC ³	P2304BC ⁴
Dorma	8916	8616 ²	640BCPA ³ /7302 ³	644BCPA ⁴ /7203
Corbin	DC6000	3210M76 (3210)		4604M70
Sargent	351	1430/1330 ²	1130 ³	
Ryobi	D-4550	D-3550	D-1650 ³	

¹ Indicates identical footprint. ² Indicates identical footprint. ³ Indicates identical footprint. ⁴ Indicates identical footprint.

Concealed Closer Cross Reference

Dor-O-Matic	OHC100A Series	Global	TC7000
Rixson	608, 0608, 700, 0700, 800	International	Series 100 and Series 200
Dorma	RTS88	Kawneer	Husky II
Sentinel	30 Series	Ryobi	30 Series
Jackson	20-330		

Listing & Certifications

- SC60, SC70 and SC80 series closers are certified to meet the requirements of ANSI/BHMA A156.4, Grade 1.
- SC90 series closers are certified to meet the requirements of ANSI/BHMA Standard A156.4, Grade 3.
- All closers without hold-open arms have been certified by UL and ULC.
- All closers have been certified by UL10C and UBC7.2 (1997) fire test.

Sizing

EXTERIOR (and VESTIBULE) DOOR WIDTH				INTERIOR DOOR WIDTH				
24" 610mm	30" 762mm	36" 914mm	42" 1067mm	24" 610mm	34" 864mm	38" 965mm	48" 1219 mm	54" 1372mm
	size 3	size 4	size 5		size 2	size 3	size 4	size 5
	→				→			
		→				→		
			→				→	
								→

NOTE: Size 1 meets ADA accessibility requirements (5 lbs. maximum opening force for interior doors). Please contact customer service for door weight and size limits.