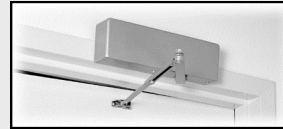


Door Closer Selection Guide

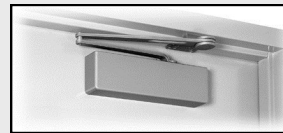
Door closers are a mechanical device mounted to a door that will assist with automatically closing a door for security, privacy and maintenance of temperature control. They can vary in style, color, mount type and function. This guide should assist in selecting the proper closer for your application.

Mount Type

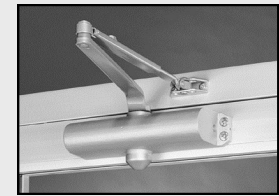
Door closers can be mounted in one of 3 basic ways; regular, top jamb, or parallel, as shown in the pictures to the right. Depending on which side of the door you wish to mount or by door and frame configurations, choose the one best suited to your specific application.



Top Jamb



Parallel Mount



Regular Mount

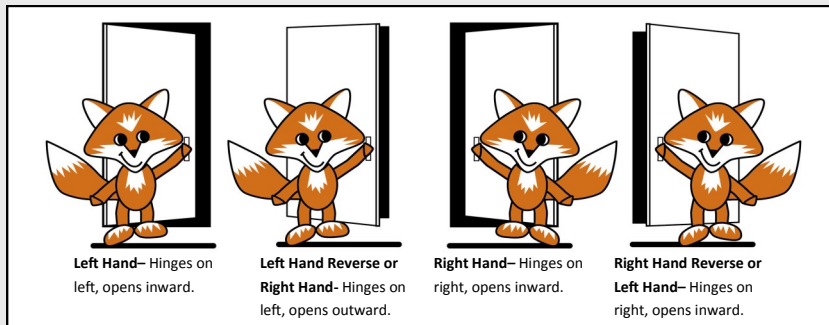
ANSI Grade (Duty Cycle)

Door closers are generally classified in an ANSI Grade or Duty Cycle. This is to assist with choosing the right closer for the right application. They have 3 classes, as follows:

ANSI Grade 1– Rated for 2 million cycles, best for medium to high traffic such as a store entrance, office or school.

ANSI Grade 2– Rated for 1 million cycles, best for medium traffic such as a small office, or public restroom.

ANSI Grade 3– Rated for 500,000 cycles, best for low traffic such as closets, or residential applications.



Door Handing (Swing)

Door handing or swing can apply to certain closers. It is important to match these closers to the way your door swings. This chart to the left will assist in determining the proper handing of your door for proper closer selection.

Closer Force

Door closers can be classified in one of 6 different closer force “sizes”, as shown in the chart to the right. Most closers are adjustable, but the most common are a size 4 for an external 36 inch wide commercial door, and a size 3 for an internal commercial or residential application.

Closer Size	Closing Force
Number 1	2 lbs. minimum
Number 2	3 lbs. minimum
Number 3	5 lbs. minimum
Number 4	8 lbs. minimum
Number 5	11 lbs. minimum
Number 6	14 lbs. minimum

Additional Considerations

There are some applications that may require a special type of closer, such as a hold open feature, positive or spring stop. When replacing an existing closer you may want to consider the reason the old one failed, and upgrade to a higher grade or size model. When replacing, it helps to have the manufacturer model, or at least the bolt hole dimensions, to better match a replacement without the need to “swiss-cheese” your door or frame.



Information sources include ANSI Standard A156.4: Door Controls, Norton/ASSA-ABLOY, WW Grainger, Inc.

If you are still having difficulty choosing Cam Locks,
 please contact us at askzoro@zoro.com or 855-289-9676

Product Compliance and Suitability.

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