Door closer comparison chart


SGDC100


SGDC150


SGDC160


SGDC165


SGDC190

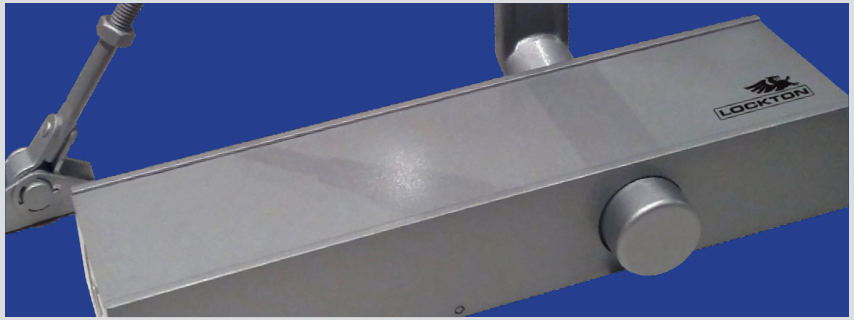

SGDC195

Fire Rated	Meets Aus. DDA Access Standards	Type	LOCKTON	DORMAKABA	Assa Abloy (Lockwood)	Ryobi	Door Size
✓		Rack & Pinion	**SGDC100**	TS68 (D)	2024	D1502 D1503 D1504	2 / 3 / 4 (40-80 kg)
		Rack & Pinion	**SGDC150**			D2100V	2 / 3 / 4 (40-80 kg)
✓		Rack & Pinion	**SGDC160**	TS73V (D) 9024 (K)	724	D2100BCV	2 / 3 / 4 (40-80 kg)
✓		Rack & Pinion	**SGDC165**	TS83 (D) 1026 (K)	726	D3550	2 / 3 / 4 / 5 / 6 (40-120 kg)
✓	✓	Cam Action	**SGDC190**	TS92 (D) CA14 (K)			2 / 3 / 4 (40-80 kg)
✓	✓	Cam Action	**SGDC195**	TS93 (D) CA25 (K)	2615		2 / 3 / 4 / 5 (40-100 kg)

Note: This comparison chart compares LOCKTON door closers to door closers made by other manufacturers. This chart compares product features not product ratings, and in some cases the products are not identical but are the closest available from the different manufacturers. For more detailed technical information about non-LOCKTON products, please contact the respective companies.

Door closer type information

Rack & Pinion



Rack & pinion closers have been used for more than 50 years and are a strong and reliable choice to close doors.

LOCKTON have a range that will suit all your current requirements no matter what type of door you are closing.

Fire rated and non-fire rated models are avaliable.

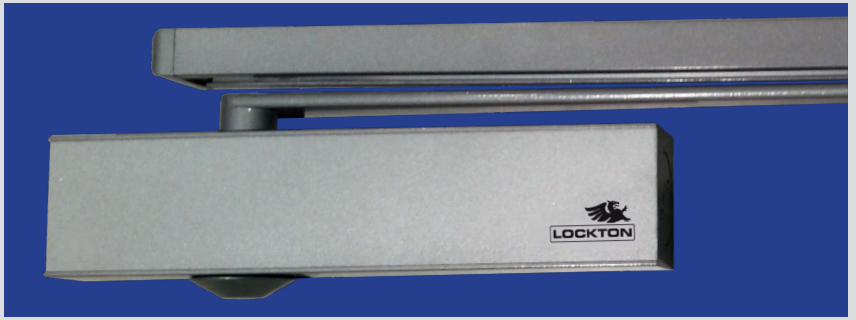
Parallel arm brackets are included in all closers, hold open arms, slidetrack arms and cover boxes are also avaliable.

The closing functionality is achieved with the use of a spring. The spring is compressed as the door is opened. It then expands and pushes the door into a closed position.

Speed is controlled by moving a piston through a viscous fluid. Speed can be controlled by opening or closing additional channels to allow the fluid to pass.

Motion is controlled and transmitted through the use of a two bar linkage, a rack, and a pinion. This provides both mechanical advantage for the spring, as well as allowing the use of a linear spring to cause rotational motion of the door.

Cam Action



Cam action closers are the only mechanical door closer type that are approved to the Australian Standard AS 1428 'Access to Premises' and meet the current building codes.

LOCKTON cam action closers are fire rated and come with slidetrack arms.

The push and pull function with cam action closers is contained within the closer body not the arms.

LOCKTON Cam Action Closers:

- **PULL action are B-models**
- **PUSH action are G-models**

The closing functionality is achieved with the use of a spring and cam. The spring is compressed as the door is opened. It then expands and forces the door into a closed position.

Speed is controlled by moving a cam through a viscous fluid. Speed can be controlled by opening additional channels to allow the fluid to pass.

Motion is controlled and transmitted through the use of two pistons and a single cam. This provides both mechanical advantage for the spring, as well as allowing the use of a linear spring to cause rotational motion of the door. This action is a smooth motion allowing easier opening and a more efficient closing action.