2616 CAM Action Door Closer with Slide Arm

The Lockwood 2616 CAM Action Door Closer is a premium, high quality door closing device. When opening a door fitted with a Lockwood 2616 CAM Action Door Closer, the force required is less than that of a rack and pinion type door closer and continues to decrease through the opening arc.

This aesthetically appealing, narrow profile CAM Action Door Closer is suited for public and commercial applications where children, the elderly and the disabled are likely to be using the door.

The Lockwood 2616 is light to open, but its adjustable closing force is high enough for heavy duty applications.

One model (2616) covers right hand and left hand applications, pull side/ push side applications and also features an adjustable arm height.

The 2615 has a very high efficiency of 70% - 80%

Specifications

Power	EN adjustable 1 to 6.
Back check (BC)	Adjustable.
Hold Open	Adjustable. Hold-open can be set at any angle up to 120° of opening.
Handing	Non-handed. Suitable for left or right hand doors.
Cover	Formed metal cover.
Materials	Cast aluminium body manufactured from high-performance silicon alloy.
Mechanism	CAM action.
Mounting	Pull side, push side and over-door mounting.
Valves	Two pressure relief valves are a standard feature to protect against abuse.
Delayed Action	Adjustable.
Closing Speed	Adjustable.
Latching Speed	Adjustable.

Ordering Information

Model	Part Numbers	Finishes
Slide Arm Closer	2616DASSS 2616DAPB 2616DASIL	Satin Stainless Steel Brass Silver
Hold Open Device	2616-152	
Opening Damper	2616-153	
Push Side Angle Plate	2616-104SIL	Silver
Mounting Plate	2616-180SIL	Silver

Standards and Compliance

The Lockwood 2616 series closer has been successfully tested up to four hours (depending on type of doorset) on fire door assemblies in accordance with Australian Standard AS1905.1:2005, Part: Fire Resistant Door sets.

Note: Hold open option is not approved on any fire door.

Disabled Access Australian Standard (AS1428.1) Design for access and mobility.

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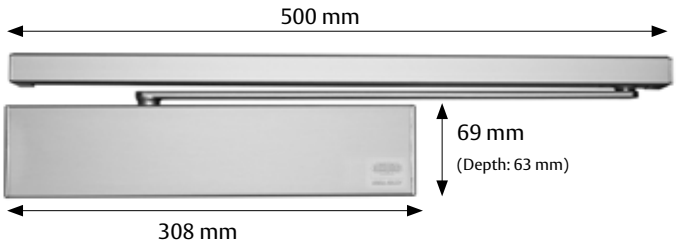
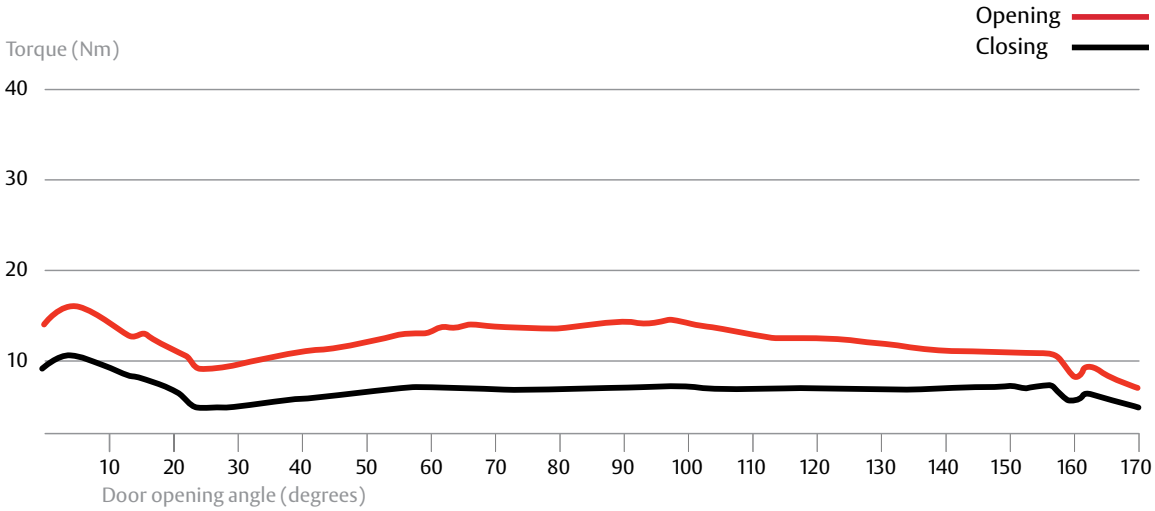


Movement Curve



Note: Movement curve represents approximate forces required to operate a size 1 door closer. The illustration is an approximation based on one set of parameters. Any change to these parameters will result in a variation of performance.

Door Closer Selection Chart

Recommended Door Width	Door Weight (kg) Max	Closer Power Size	Closing Torque (Nm)
750mm	20	1	9 - <13
850mm	40	2	13 - <18
950mm	60	3	18 - <26
1100mm	80	4	26 - <37
1250mm	100	5	37 - <54
1400mm	120	6	54 - <87
1600mm	160	7	87 - <140

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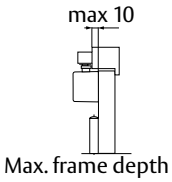
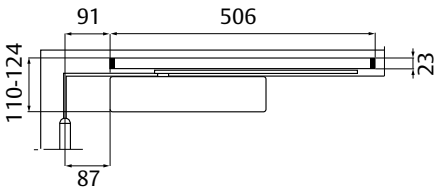
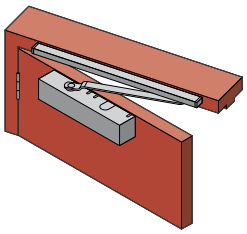
Pull Side - Standard Mounting

Non hold-open permits door opening to 170°, and 160° when opening damper is used. When hold-open device is installed, the opening angle (hold-open) can be set to a maximum of 120°.

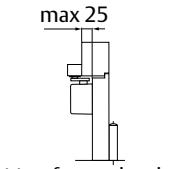


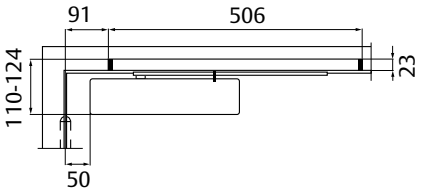


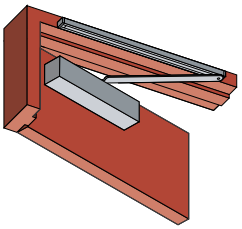


Push Side - Standard Mounting

Non hold-open permits door opening to 120°, and 110° when opening damper is used. When hold-open device is installed, the opening angle (hold-open) can be set to a maximum of 120°.

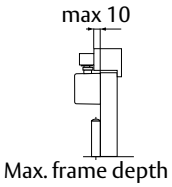


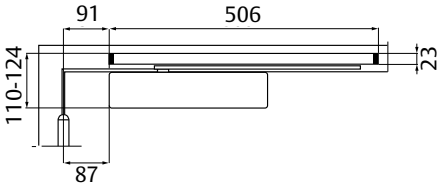


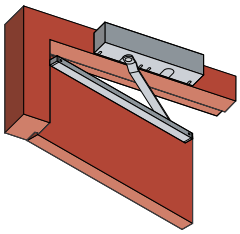


Push Side - Over-Door Mounting

Non hold-open permits door opening to 120°, and 110° when opening damper is used. When hold-open device is installed, the opening angle (hold-open) can be set to a maximum of 120°.

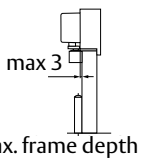


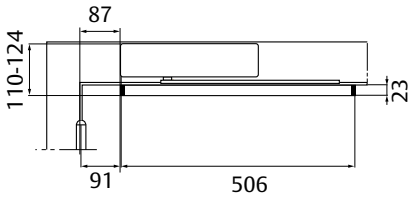


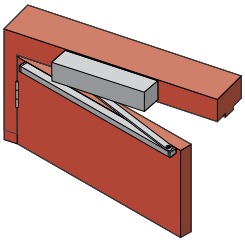


Pull Side - Door Mounting

Non hold-open permits door opening to 170°, and 160° when opening damper is used. When hold-open device is installed, the opening angle (hold-open) can be set to a minimum of 120°.







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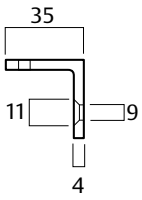
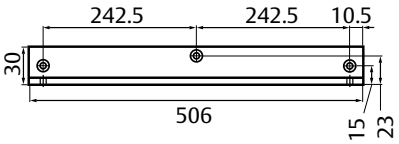
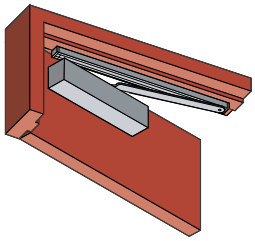
Angle Plate

Part Number 2616-104SIL

Allows the side rail to be installed below the door jamb. Required when the face of the door jamb exceeds 25 mm from the face of the door in the closed position.



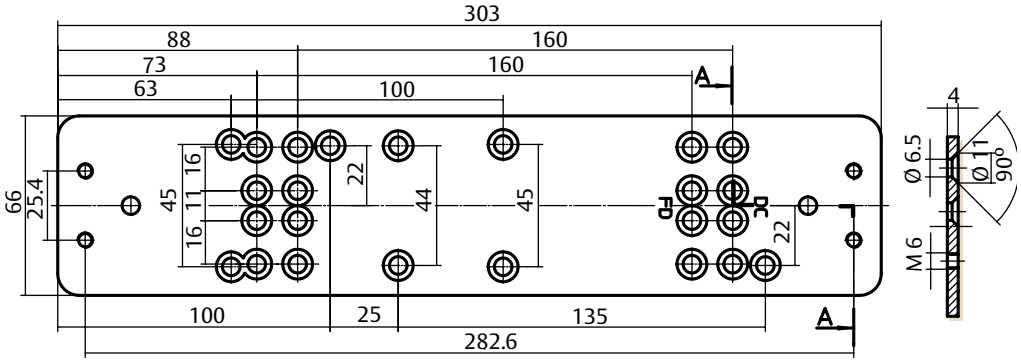




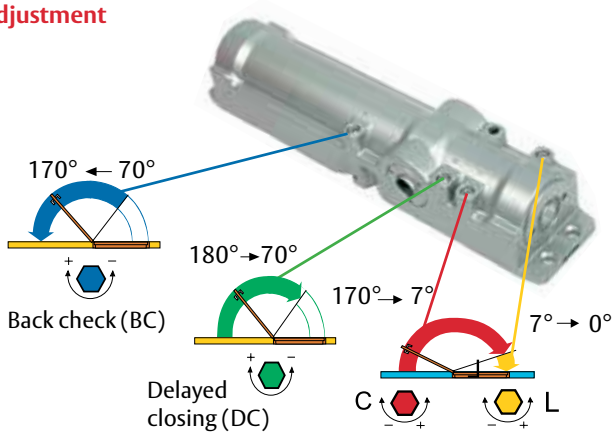
Mounting Plate

Part Number 2616-180SIL

For use on glazed doors with small top rail, this plate allows the closer to project below the top rail, at the same time concealing the back of the closer.

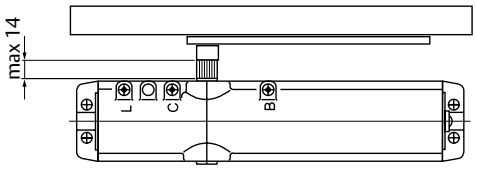


Adjustment



Adjustment

Adjusting the Arm Height



The arm height can be adjusted (by a maximum of 14 mm) by moving the grooved spindle in a vertical direction.

Opening Damper

Part Number 2616-153

Max. damping angle -110°
Designed to brake the door before hitting the door stopper .
Required for fire door applications.

Hold Open Device

Part Number 2616-152

Adjustable hold-open force
Max. hold-open angle -110°