

NOVAS

3000 Door Closers

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The 3000 door closers have been designed for usage where economy and ease of installation are the absolute requirements. The closers are smaller in size and have efficient mechanisms giving a powerful performance.



Door Closer Selection Chart

Cat. No.	Regular Arm		Parallel Arm		Door Weight Kg.
	Interior Door	Exterior Door	Interior Door	Exterior Door	
3003	1050	900	900	800	40-65

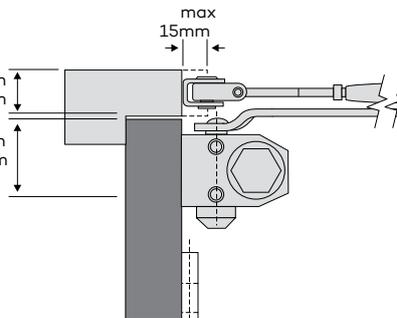
Maximum door width dimension in mm

Door Closer Applications

Mounting Details – 3000 Series

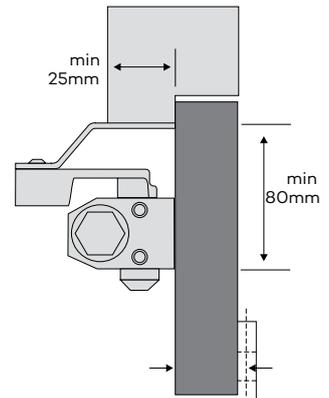
Regular Arm Installation

Closer is fixed to the pull (hinge) side of the door.



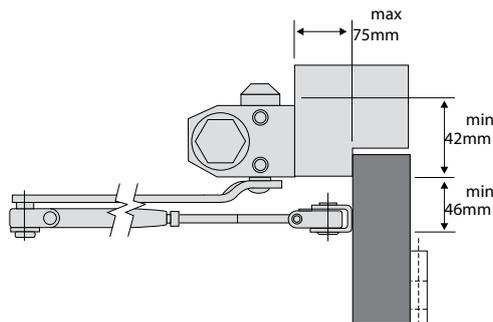
Parallel Arm Installation

Closer is fixed to the push (opposite to hinge) side of the door. Parallel arm application, using a cranked arm assembly overcomes the requirement for a drop plate in most cases. (refer above dimensions)



Top Jamb Installation

Closer is fixed to the Top Jamb on pull (hinge) side of the door.

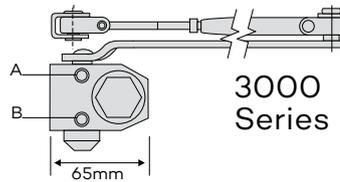
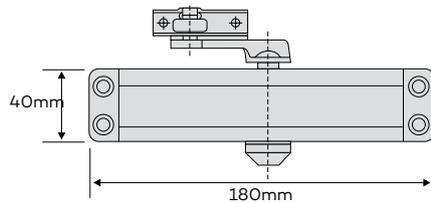


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Technical Data – Limiting Dimensions



Legend	
A	Closing Speed
B	Latching Speed

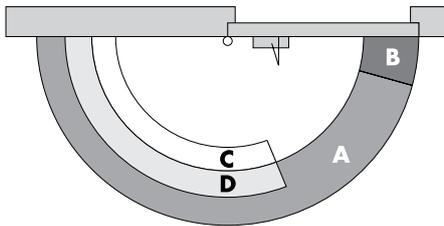
A Closing Speed

Captive valve is conveniently located on the end of the door closer to control the closing speed.

B Latching Speed

A separate adjustment valve to accelerate or decelerate the door to ensure positive latching.

Adjustment Details



A	Closing Range	15 ° - 180 °
B	Latching Range	0° - 15 °
C	Backcheck Range	70 ° - 180 °
D	Hold Open Range	70 ° - 180 °

Ordering Procedure

Cat. No.	Description	Finish
3003BC	Fixed Strength Size 3 door closer with backcheck	SIL

Accessories to suit 3000 Series Closer

3000 - 10	Hold Open Arm Parallel	SIL
3000 - 30	Arm Bracket	SIL

Finish

SIL	Silver
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Mechanism & Case

High Pressure diecast aluminium body, rack and pinion hydraulic controlled piston door closer. Reversible for left-hand and right-hand doors.

Fire Rating - 3003BC only

FIRE DOORS

Approved on fire door assemblies up to 2 hours in accordance with Australian Standard AS 1905 - Part 1 - Fire resistant door sets.



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Novas Door Controls

Novas Hydraulic door closers are designed to suit various residential and commercial applications. By definition, door closers are used to close hinged leaf doors after they have been manually opened. The smooth closing operation is controlled by the adjustable hydraulic rack and pinion mechanism.

In choosing a closer style for a particular application consideration should be given to the type of door being controlled, frame condition, aesthetic and the control features required by the end user.

The size and weight of the door is the main consideration in selecting a closer of the correct strength. Recommended door widths for each closer assume normal operating conditions. If a door is of exceptional height, weight, special construction, or if air pressure differentials exist, a more powerful closer should be considered.

A door closer effectively increases the loading on door hinges and their rate of wear. It is recommended that any door fitted with a door closer should use three or more Novas Ball Bearing/Sintered Bearing Hinges.

It is essential that the door be clear in the door frame and when fitted with a lock the latch bolt must engage freely with the strike.

Floor or wall mounted doorstops should be fitted to prevent possible damage to the door frame and fitted hardware.

Services

Novas Architectural offers a fully comprehensive (free of charge) specification/door scheduling service to meet Project requirements. Door schedules are prepared by our scheduling team who are all design and/or industry trained professionals. Please contact your local Novas Architectural representative for assistance.

Guarantee

Novas Architectural guarantee all their products against defects in workmanship and materials subject to inspection and confirmation of fair wear and tear within the normal working life of the product.

Novas Architectural assumes no liability for:

1. Improper installation or failure to follow fitting instructions.
2. Product failure due to improper maintenance or unfair wear and tear.
3. Indirect or consequential loss or damage.
4. Cost of removal and/or replacement.
5. Cost of freight and/or travelling expenses.
6. Some plated finishes are classified as soft finishes. Deterioration is possible under some climatic conditions and cannot be unconditionally guaranteed.

Consult your local Novas Architectural Representative or Agent for advice on all finishes.