



1500 Series Door Closers

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1500 Series door closers are a power adjustable surface mounted hydraulic door closer. Applications include regular arm, parallel arm, top jamb, track arm, delayed action and adjustable backcheck function.



Door Closer Selection Chart

Size	Regular Arm/Top Jamb			Parallel Arm/Track Arm			Door Weight Kg.
	Interior Door	Exterior Door		Interior Door	Exterior Door		
		Swing In	Swing Out		Swing In	Swing Out	
2	900	800	700	800	700	600	25-45
3	1050	900	800	900	800	700	40-60
4	1200	1050	900	1050	900	800	55-75
5	1350	1200	1050	1200	1050	900	70-90

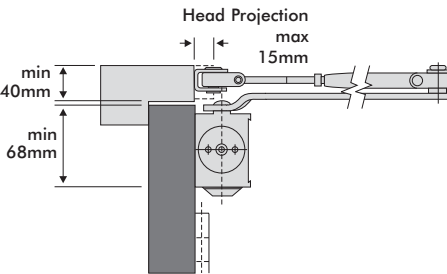
Maximum door width dimension in mm

Door Closer Applications

Mounting Details

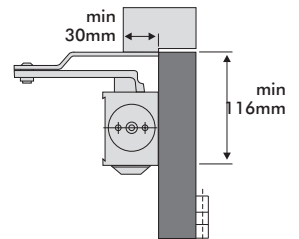
Regular Arm Installation

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



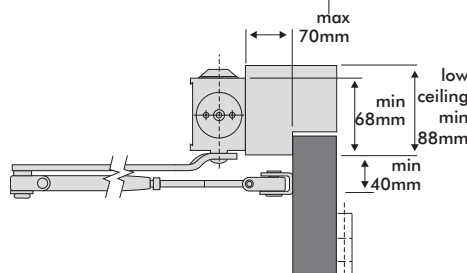
Parallel Arm Installation

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



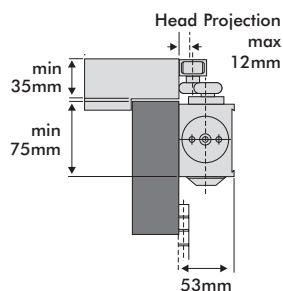
Top Jamb Installation

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



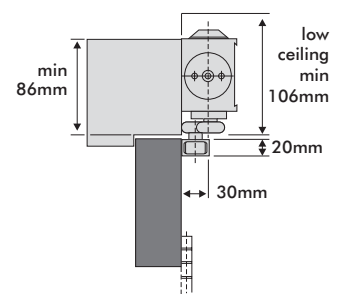
Regular Track Arm Installation

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



Top Jamb Track Arm Installation

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

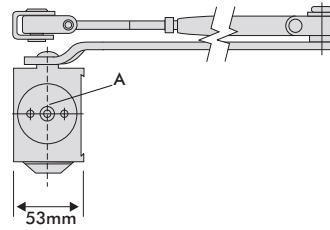
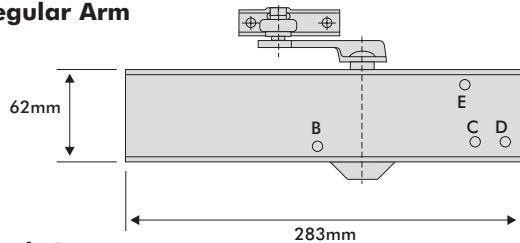




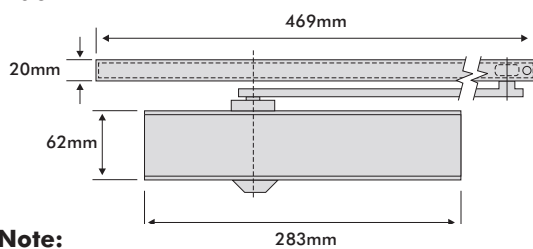
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Technical Data – Limiting Dimensions

Regular Arm



Track Arm



Legend	
A.	Power Adjustment
B.	Backcheck
C.	Closing Speed
D.	Latching Speed
E.	Delayed Action

Note:

Specification of track arm and parallel arm applications should consider the single strength reduction in power.

A. Power Adjustment

Simple adjustment by rotation of a captive screw adjusts the size of the closer to the desired strength. 1500BC (size 2-5), 1500DA and 1500TR (size 1-4).

B. Backcheck

Adjustable backcheck provides cushioning effect on opening to give protection to the door and fittings.

C. Closing Speed

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

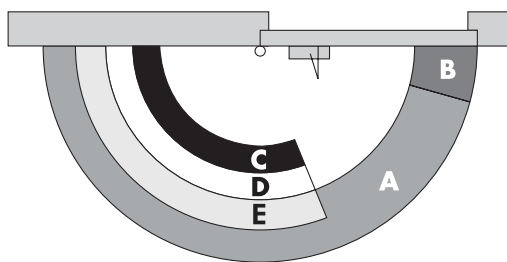
D. Latching Speed

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

E. Delayed Action

Delays the closing action of the door to allow slow moving traffic to pass.

Adjustment Details



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

Mechanism & Case

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

Ordering Procedure

Cat. No.	Description	Finish
1500BC	Door Closer Adj (2-5)	SIL/SSS/PSS
1500DA	Door Closer Adj (1-4)	SIL/SSS/PSS
1500VTRB	Track Arm Door Closer (1-4)	SIL/SSS/PSS

Accessories to suit 1500 Series Closer

1500 - 10	Hold Arm Open to suit	SIL
1500 - 11	Track Arm Assembly	SIL
1500 - 20	Drop Plate to suit	SIL
1500 - 30	Parallel Arm Bracket	SIL
1500 - 40	Cover	SSS/PSS

Finish

SIL	Silver
SSS	Satin Stainless Steel
PSS	Polished Stainless Steel

Fire Rating



Fire Rated

FIRE DOORS

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