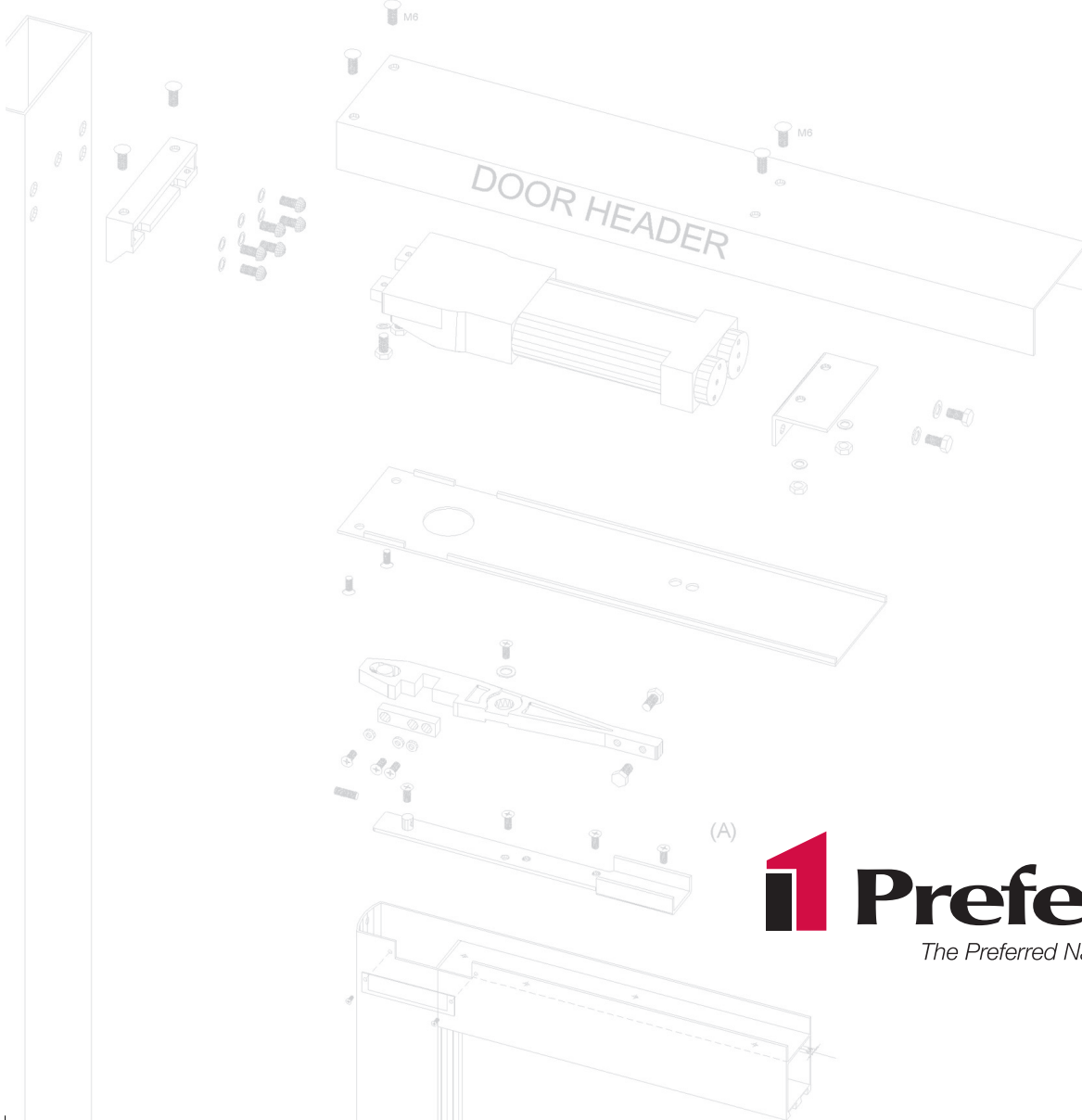
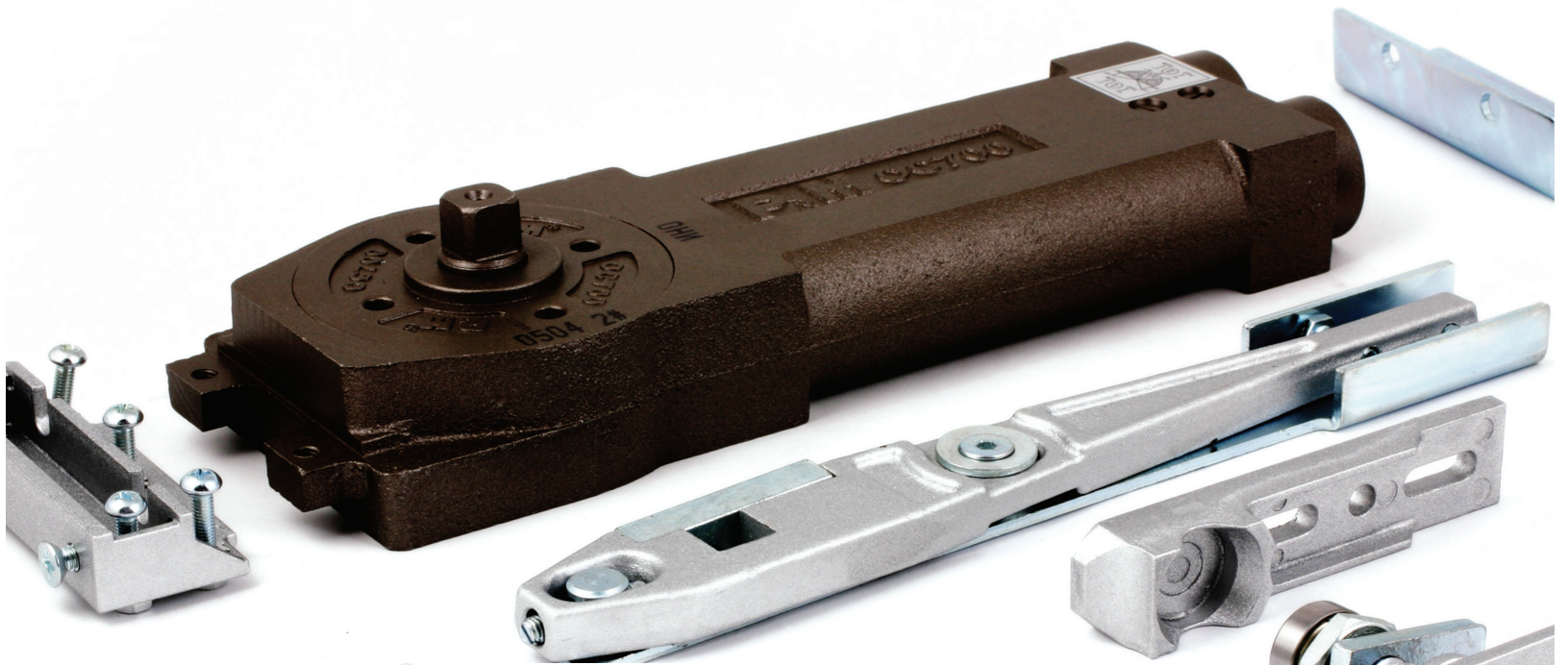


P&M[®] *Concealed Overhead Door Closer*

OC700



1 Preference
The Preferred Name in Entrance Systems

Applications

- Suitable for single and double action doors.
- Suitable for Side-Loading installation.
- Available in 3 sizes for door weights of up to 120Kgs and widths of up to 1150mm.
- Comprehensive range of accessories for aluminium, tempered glass and wooden door.

Spindle Height

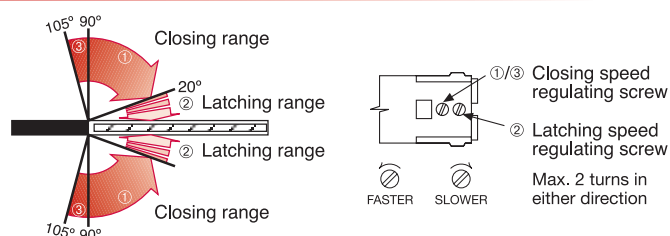
- Standard spindle height - 12mm
- 22mm extended spindle is available on special order.

Door Control and Backcheck

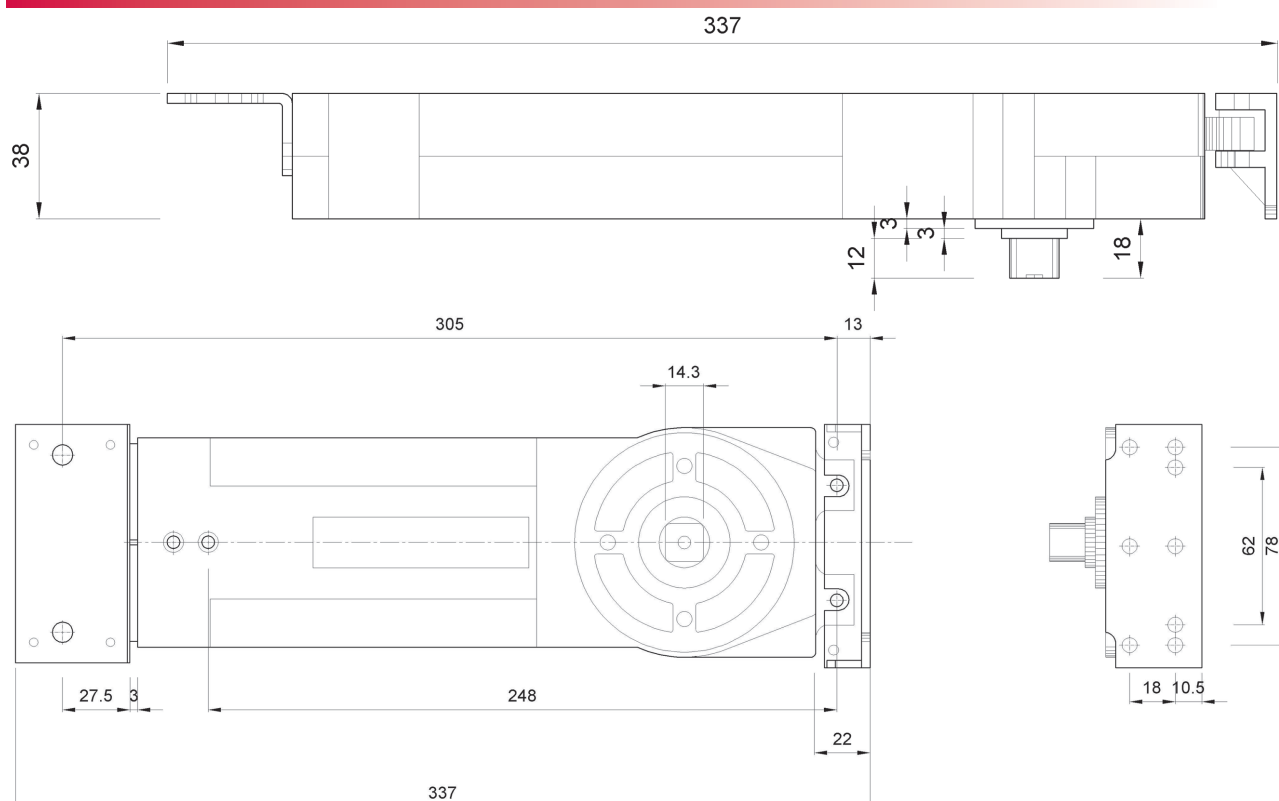
- Two independent adjustment valves provides full hydraulic control from 90°-20° of closing and 20°-0° of latching range.
- Progressive mechanical backcheck from approximately 85° to prevent damage to doors.

Closing Ranges & Functions

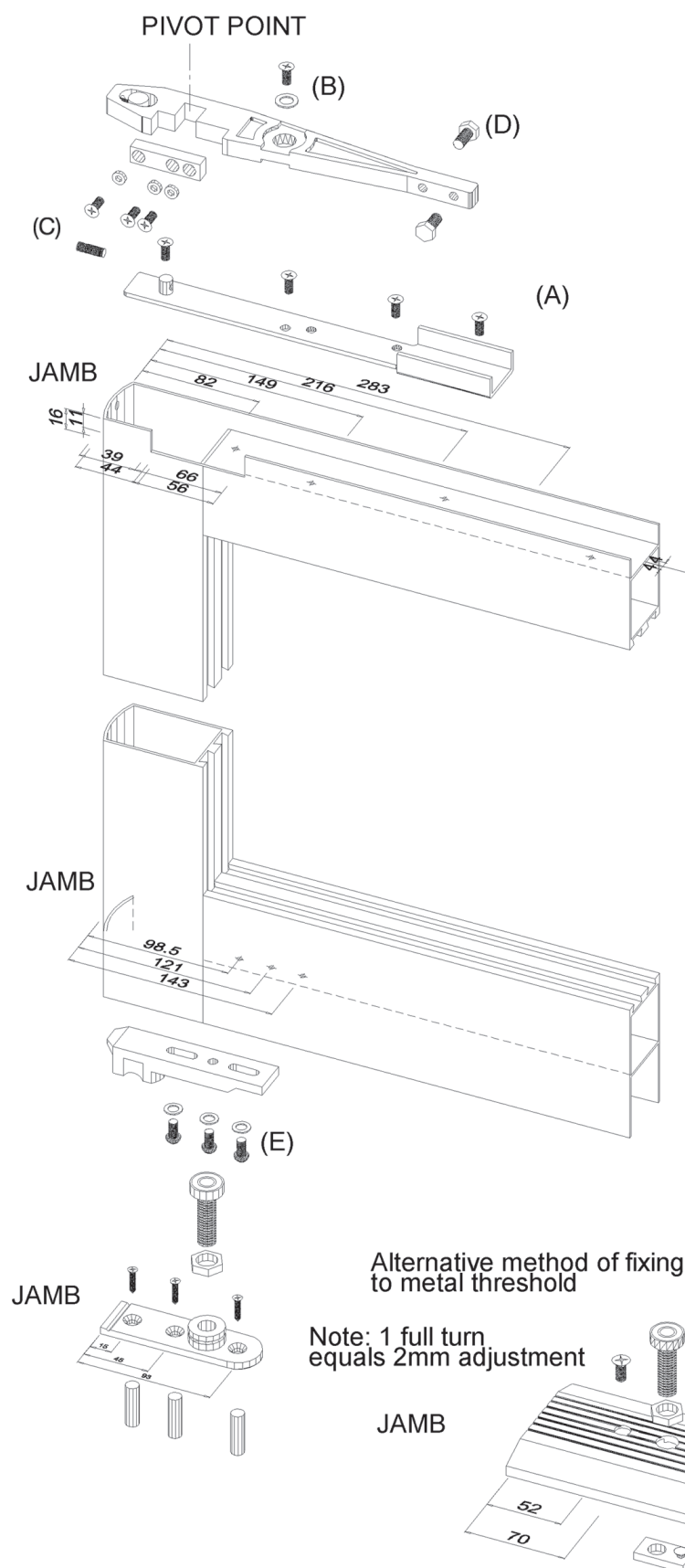
- 1st adjusting closing range (90°-20°) / (105°-20°)
- 2nd adjusting latching range (20°-0°)
- Hold-Open (90° / 105°) / Non Hold-Open



Dimension



Side-Load, 70mm Pivot Point



DOOR, TOP RAIL

- Ensure that internal door face is cut away to give access to spindle during door hanging and hole to be drilled in heel of door to give access to adjustment screw (C).
- Fix arm channel to top rail with 4 No. M6 csk screws (A). Insert arm into channel and secure with M6 csk socket head screw (B).
- Insert M6 socket head alignment bolt, washer and locknut (C) into arm through slot in end of channel.
- Adjust alignment bolts (D) onto side of channel. Note: Datum hole indicating pivot point.

BOTTOM RAIL

- Secure door plate of bottom pivot assembly to bottom rail of door with 2 No. M6 x 16mm long set screws and shakeproof washers (E) using only the slotted holes.
- Check that the projection of the bearing plate is beyond the heel of the door, allowing desired clearance.
- Slacken the 2 fixed set screws and adjust if necessary. Finally drill and tap bottom rail for 3rd M6 x 16mm long set screw and fix screw to maintain this position. Tighten all screws.

FLOOR PIVOT

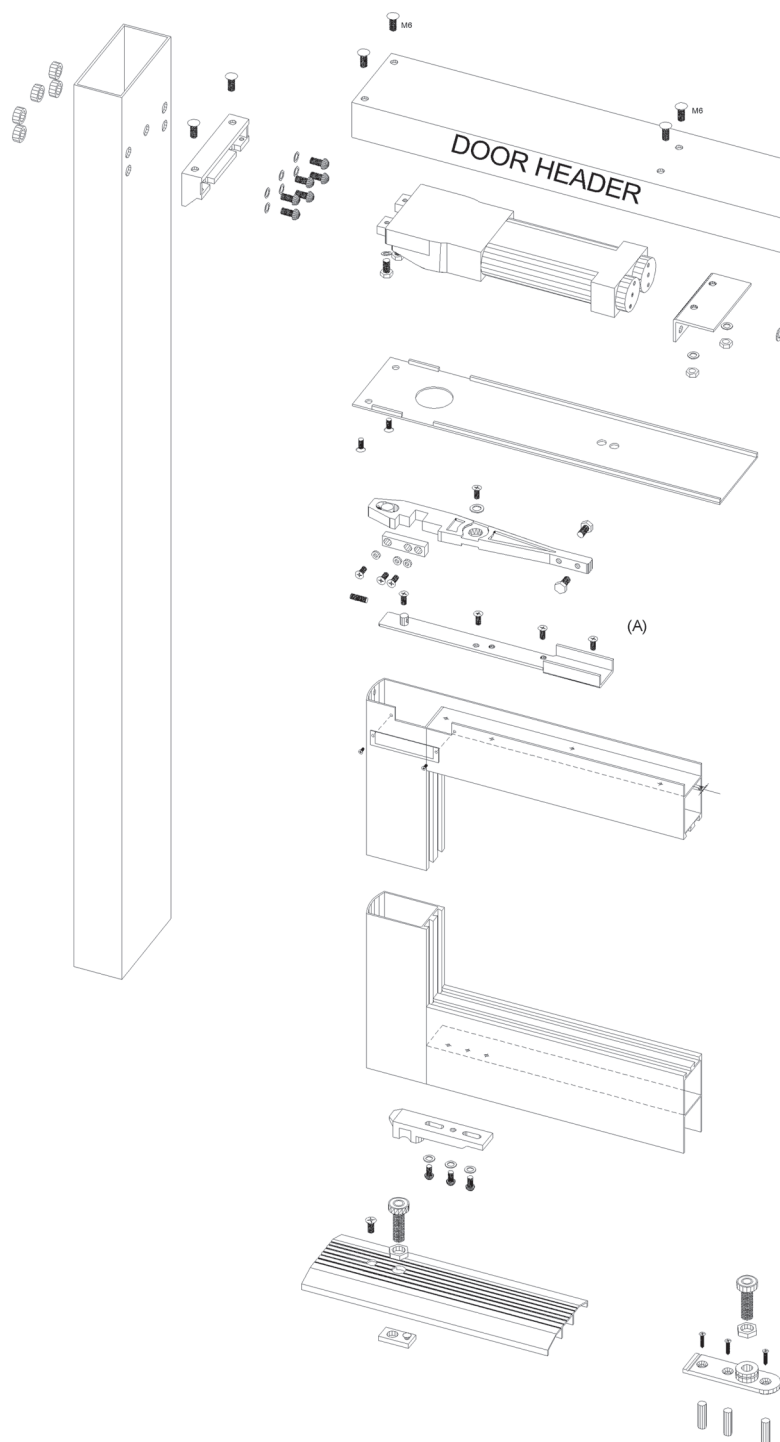
- Determine overall height of bottom pivot assembly, allowing desired clearance, and secure with locknut.
- Cut off excess thread flush with underside of plate or recess flooring.
- Fix bearing plate on to the floor with the extended end against the face of jamb.

TO ERECT THE DOOR

- Holding door at an angle of approximately 15°, lower on to bearing plate pivot and gradually swing door vertical until arm recess in top of door locates against closer spindle.

Note: To ease the hanging of single action doors, temporarily remove head stop if possible. Wedge door in the vertical position whilst spindle clamping block is located against spindle and securely tighten clamping screws using wrench key provided. (Maximum tightness can be obtained by using the palm of the hand against the wrench key).

- Fit 'cut out' cover plate.
- Check that door closes to a position that aligns with door frame or adjacent door leaf. Any correction is obtained by adjusting alignment bolts (D) and alignment screw (C).



Technical Data		OC700		
Closer Size		1	2	3
Force (Nm)		15	20	25
Internal doors up to	750mm	•		
	950mm		•	
	1150mm			•
External doors up to	500mm	•		
	750mm		•	
	950mm			•
Closing speed variable by valve adjustment		•	•	•
Latching speed variable by valve adjustment		•	•	•
Progressive backcheck, mechanical		•	•	•
Backstop, mechanical		•	•	•
Hold open	105°	o	o	o
	90°	o	o	o
Non-Hold open		o	o	o
Extended spindle	22mm	o	o	o
Reduced pivot point for tempered glass	65mm	o	o	o
Aluminium Door Accessories (Arm channel; side brackets; floor pivot set)		o	o	o
Weight in kg approx		4.2	4.2	4.2
Dimensions in mm	Length	337	337	337
	Width	94	94	94
	Height	38	38	38

• Yes – No o Optional