



ITS96



Concealed in Door Closer



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DORMA USA quality and environmental management systems in Reamstown, PA and Steeleville, IL are certified to ISO 9001:2008 and ISO 14001:2004.



ITS96 SERIES CONCEALED CLOSERS

The optimum solution for applications requiring concealed door controls.

The unique cam and roller technology meets the challenge of providing the operation and features necessary in a compact design. The ITS96 is suited for virtually any door and frame combination in a variety of leaf thicknesses and configurations.

Technical Details

- Efficient cam and roller design.
- Rapid decrease in opening force makes doors easy to open, yet provides maximum closing force at the latch.
- Non-handed.
- ITS9613 installs in 1-3/4" thick doors (min); ITS9625 installs in 2" thick doors (min).
- All ITS96 models can be inverted to install the closer body in the frame.
- Suitable for interior wood, hollow metal, and aluminum doors and frames.
- ITS9613—Interior doors up to 36" wide NOT to exceed 125 lb.
- ITS9625—Interior doors up to 48" wide NOT to exceed 175 lb. Exterior doors up to 36" wide NOT to exceed 125 lb.
- Invisible when door is closed.
- Adjustable spring force size for ITS9613 is 1-3 and for ITS9625 is 2-5. Adjustable with unit installed.
- Opening force 5 lb or less for ITS9613 on interior doors where door without closer attached is 1 lb opening force or less.
- Sweep and latch valve adjustment easily accessible after installation.
- Optional hold open adjustable between 80° and 120°.
- Maximum door opening approximately 130°.
- Cushioned stop position adjustable between 80°-130° (separate limiting stop

required for doors in abusive conditions).

- Inverted application available. Consult factory for details.
- Accessory track brackets available for ease of installation or for frames lacking adequate reinforcement.

Optional Specifications

All ITS96 closers to have adjustable hold open from approximately 80°-120°. All closers to have accessory track brackets for frame conditions that do not permit standard mounting or when reinforcement is not an option.

Certification

- UL and CL listed.
- Meets UL10C for positive pressure.
- Meets ANSI/BHMA A117.1 and ADA for barrier-free accessibility.
- CSFM approved.



Listings by Others

Eggers Industries—UL10B and UL10C listed.
Wood door x ITS9613 20 minute type fire tested without hose stream. All must include 5" tectonite top rail.

Specifications

All closers shall be ITS96 Series concealed in the door cam and roller closers. The closers will have aluminum alloy bodies with high compression steel springs and steel cams and rollers for doors opening up to 130° maximum. The closers will have two noncritical thermostatic valves to separately control sweep and latch speeds and provide constant closing speeds even under extreme temperatures. The closers will have field adjustable spring power from size 1-3 to meet barrier-free requirements or 2-5 for exterior or larger doors. Must be capable of spring adjustment when installed in the door. Install the ITS96 closer body in the door with the track in the frame. Closers to have cushioned stop adjustable from 80°-130°.

REDUCED OPENING FORCE INSTALLATIONS CAUTION

Manual door closers, including closers certified to conform to ANSI/BHMA Standard A156.4, when installed and adjusted to conform to ADA or other reduced opening force requirements, may not provide sufficient power to reliably close and latch a door. Refer to Low Energy Operators to meet reduced opening force requirements without affecting closing power.

Finishes

Standard Sprayed Finishes (Track & Arm)

- Aluminum: 689

Optional Special Color Sprayed Finishes

- Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic)
- Gold: 696
- Black: 693

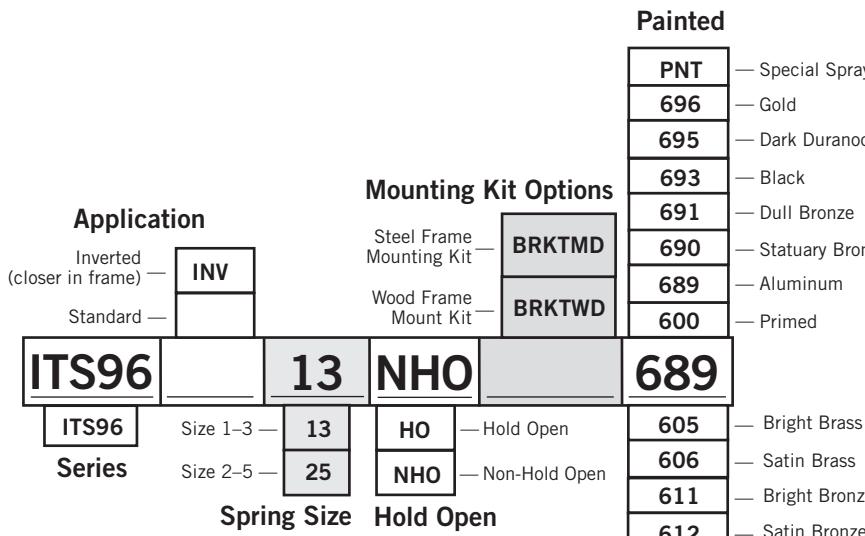
Optional DORMA Custom Color or Designer Color Finishes

Contact Customer Service.

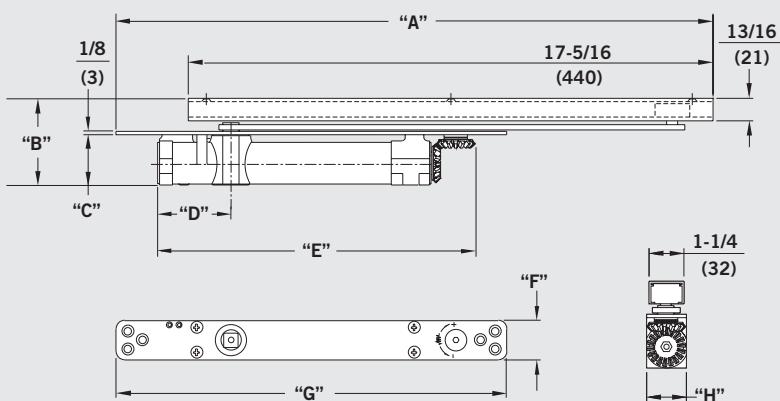
Optional Plated Finishes (main arm plated; track sprayed with complementing finish)

- Brass: 605 (Bright) or 606 (Satin)
- Bronze: 611 (Bright), 612 (Satin), or 613 (Oxidized Satin Oil Rubbed)
- Nickel: 618 (Bright) or 619 (Satin)
- Chrome: 625 (Bright) or 626 (Satin)

HOW TO ORDER ITS96 SERIES

**Painted**

PNT	— Special Sprayed Finish (must specify)
696	— Gold
695	— Dark Duranodic Bronze
693	— Black
691	— Dull Bronze
690	— Statuary Bronze
689	— Aluminum
600	— Primed
605	— Bright Brass
606	— Satin Brass
611	— Bright Bronze
612	— Satin Bronze
613	— Oxidized Satin Oil Rubbed Bronze
618	— Bright Nickel
619	— Satin Nickel
625	— Bright Chrome
626	— Satin Chrome

Plated**Size Selection Chart**

Closer	Dim "A"	Dim "B"	Dim "C"	Dim "D"	Dim "E"	Dim "F"	Dim "G"	Dim "H"
ITS9613	20-1/2" (521)	3-5/32" (80)	1-11/16" (43)	2-3/4" (70)	10-7/8" (276)	1-1/4" (32)	13-5/16" (338)	1-1/4" (32)
ITS9625	20-5/8" (524)	3-17/32" (90)	2" (51)	2-7/8" (73)	11-17/32" (293)	1-9/16" (40)	13-15/16" (354)	1-9/16" (40)

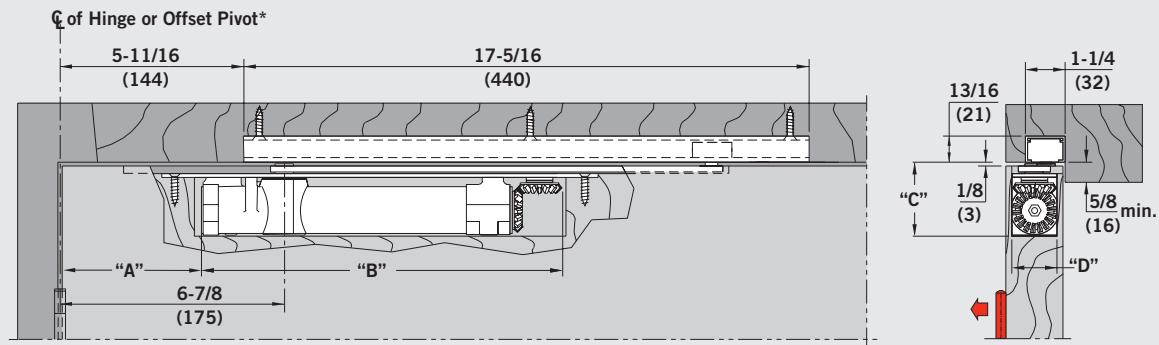
Technical Drawing Symbols & Notes

- Recommended application
- N/A – Not applicable/application no recommended
- Opening force 5 lb or less (9613 only) on interior doors 3'-0" wide.

NOTE: These technical drawings are not intended to be used to prepare the door and/or frame. Use installation templates for that purpose.

Although DORMA ITS96 Series closers have adjustable spring power to compensate for site conditions, it cannot be guaranteed that adequate closing force will be obtained while complying with barrier-free opening force restrictions.

ITS96 WOOD DOOR & FRAME



Size Selection Chart

Door Width

Closer	Interior/ Exterior	Door Width				
		2'-0" min.	2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.
ITS9613	Interior	•	•	•	N/A	N/A
ITS9625	Interior	N/A	•	•	•	•
	Exterior	N/A	•	•	•	N/A

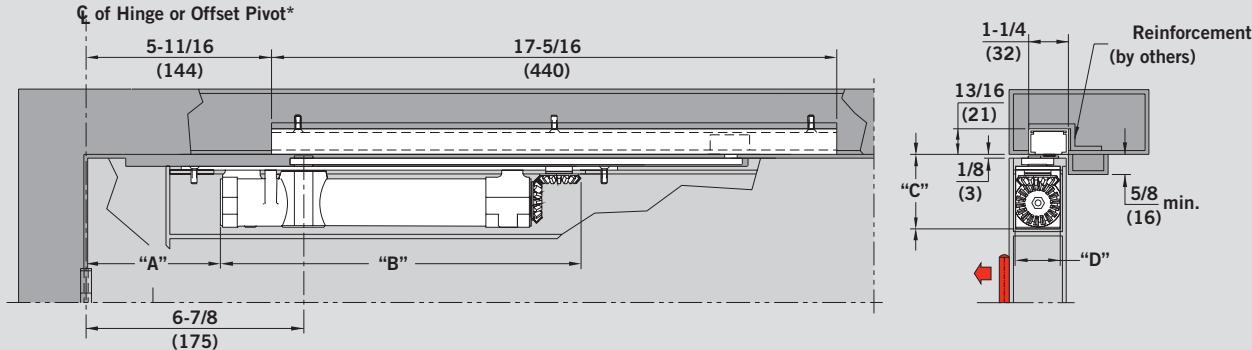
*Offset top pivots may conflict with closer and track.
Substitute the top pivot with an intermediate pivot.

Closer	Dim "A"	Dim "B"	Dim "C"	Dim "D"
ITS9613	4-1/8" (105)	11" (279)	2-5/16" (59)	1-3/8" (35)
ITS9625	4" (102)	11-17/32" (293)	2-9/16" (68)	1-5/8" (41)

Maximum Opening	Hold Open Range (Optional)
130°	80°-120°

NOTE: ITS9613 closers are not recommended for doors over 3'-0" wide and 125 lb.

ITS96 METAL DOOR & FRAME



Size Selection Chart

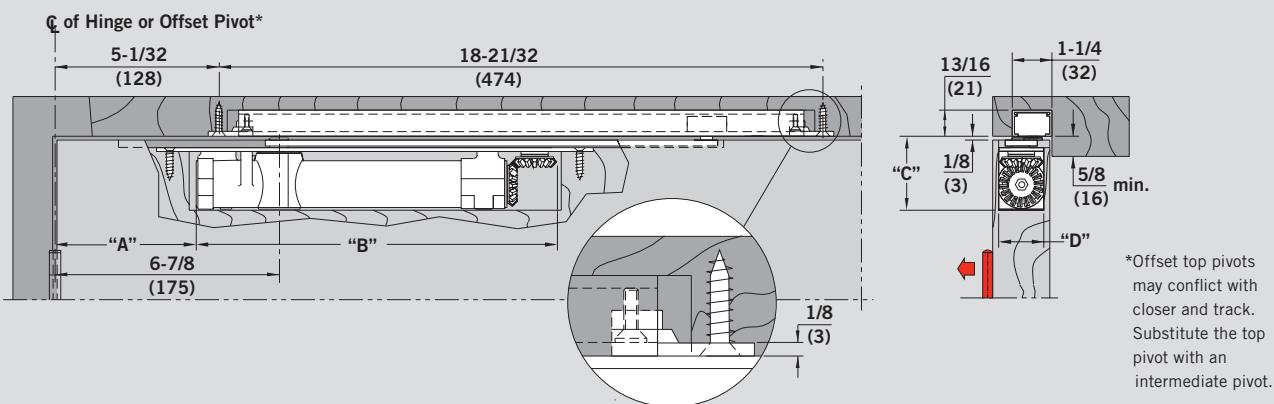
Closer	Interior/ Exterior	Door Width				
		2'-0" min.	2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.
ITS9613	Interior	•	•	•	N/A	N/A
ITS9625	Interior	N/A	•	•	•	•
	Exterior	N/A	•	•	•	N/A

*Offset top pivots may conflict with closer and track.
Substitute the top pivot with an intermediate pivot.

Closer	Dim "A"	Dim "B"	Dim "C"	Dim "D"
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130°	80°-120°

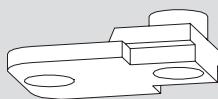
NOTE: ITS9613 closers are not recommended for doors over 3'-0" wide and 125 lb.

ITS96 WOOD DOOR & FRAME x
08082820 ACCESSORY TRACK BRACKETS

Size Selection Chart

Closer	Interior/ Exterior	Door Width				
		2'-0" min.	2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.
ITS9613	Interior	•	•	•	N/A	N/A
ITS9625	Interior	N/A	•	•	•	•
	Exterior	N/A	•	•	•	N/A

08082820 Track Brackets
Track mounting brackets for wood frames. Used when frame conditions prohibit standard mounting of track (two per unit).

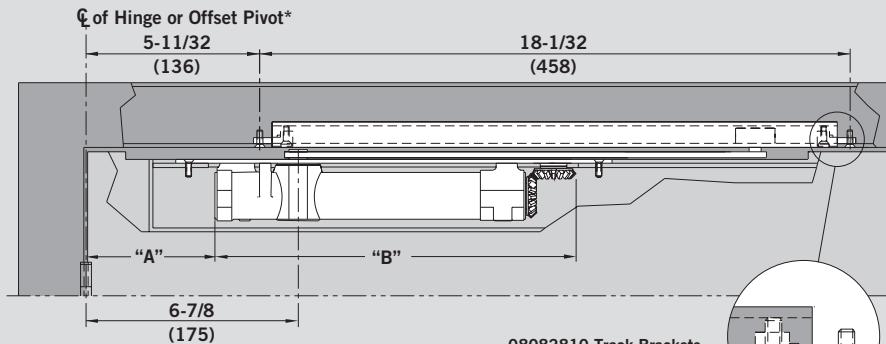


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Maximum Opening	Hold Open Range (Optional)
130°	80°-120°

NOTE: ITS9613 closers are not recommended for doors over 3'-0" wide and 125 lb.

ITS96 METAL DOOR & FRAME x 08082810 ACCESSORY TRACK BRACKETS

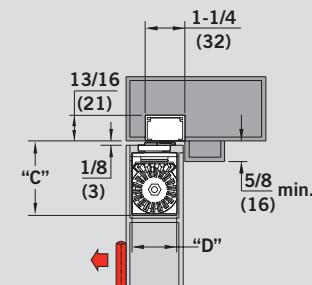


08082810 Track Brackets
Track mounting
brackets for ease of
installation or for frames
lacking adequate reinforcement
(two per unit).

Size Selection Chart

Closer	Interior/ Exterior	Door Width				
		2'-0" min.	2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.
ITS9613	Interior	•	•	•	N/A	N/A
ITS9625	Interior	N/A	•	•	•	•
	Exterior	N/A	•	•	•	N/A

NOTE: ITS9613 closers are not recommended for doors over 3'-0" wide and 125 lb.



*Offset top pivots
may conflict with
closer and track.
Substitute the top
pivot with an
intermediate pivot.

Closer	Dim "A"	Dim "B"	Dim "C"	Dim "D"
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Maximum Opening	Hold Open Range (Optional)
130°	80°-120°



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