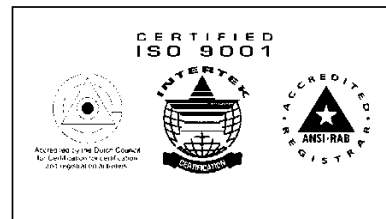




TS93



DORMA By Choice™

The quality management system at the Reamstown, Pennsylvania facility is certified to ISO 9001*.

*DORMA Door Controls, Inc. d.b.a. DORMA Architectural Hardware

0606



DORMA TS93 SERIES SURFACE APPLIED DOOR CLOSERS

Applications:

The unequaled highly efficient, highly powerful, extra heavy duty DORMA TS93 Series represents the pinnacle of surface applied door closers because of its unique cam and roller technology.

Listings & Approvals:

- ANSI A156.4 Grade 1.
- U.L. and C.U.L. listed.
- UL10C for positive pressure.
- UBC 7.2 1997.
- CSFM and M.E.A. approved.

Range of Door Sizes:

- Up to 5'0" (1524 mm) maximum width.
- Up to 250 lb (114 kg) door weight.
- Up to 96" (2438 mm) door height.
- TS93-1 adjusts to meet ADA compliance on properly hung interior 3'0" (914 mm) wide doors.

Finishes

- Standard Sprayed Finishes
 - Aluminum: 689.
 - Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic).
 - Black: 693.
 - Gold: 696 (Satin).
 - Custom Painted Finishes
 - Submit 3 chip samples. Approval required.
 - Architectural Plated Finishes
 - Brass: 605 (Polished) or 606 (Satin).
 - Bronze: 611 (Polished), 612 (Satin), or 613 (Oxidized Satin Oil Rubbed).
 - Nickel: 618 (Polished) or 619 (Satin).
 - Chrome: 625 (Polished) or 626 (Satin).
- Closer cover, arm and track channel are plated. Cover and track end caps are painted complementary or contrasting color.

Special Application Assistance:

Please contact our Technical Services team at 800-523-8483 if you have any questions or for assistance in developing a custom application.

Closer Mounting Options:

- Track, pull side mount.
- Track, push side mount.

ANSI A156.4 Grade 1 Selector Chart

Arm(s)	BHMA Number	Hinge Side	Push Side
PT 4	C02211	TS93 T	-
Options,	C02221	TS93 THO	-
A, B, C, D,	C02231	-	TS93 PT
F, G, H	C02241	-	TS93 PTHO

Features and Functions:

- 93-1 adjustable ANSI size 1-5, 93-5 adjustable 5-6 +50%.
- Adjustable backcheck intensity standard.
- Adjustable dual valve closing control.
- Adjustable delayed closing standard.
- Full metal cover standard.
- Opening range 175° pull side and 110° maximum push side mount.
- Superb, unmatched power curve to control some of the toughest applications.

Optional Features and Functions:

- Adjustable hold open.
- Special painted or plated finishes.
- Pocket door applications available (order closer and special pocket arm or complete packages including pocket pivots for fire doors and non-rated doors for varying degrees of opening. See brochure for details).

Contact Information:

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