



7400

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Surface Applied Door Closers

7400 SERIES SURFACE CLOSERS



The 7400 Series closers offer modern styling and versatility while providing safe and reliable door control.

Featuring backcheck and adjustable spring sizes, DORMA's 7400 Series is the ideal solution in a wide variety of applications, including barrier-free. This Grade 1 hydraulic surface door closer is both flexible and easy to install. The 7400 Series offers a compact design and is available in a variety of sprayed finishes to complement any opening's decor.

Technical Details

- Available as 7414 with adjustable spring sizes 1–4 and 7436 with adjustable spring sizes 3–6.
-  7414 meets 5 lb interior barrier-free applications.
- Non-handed for regular, top jamb and parallel arm applications.
- Quick and easy to install.
- Compact design.
- Two noncritical adjusting valves (sweep and latch) with thermostatic properties work to provide consistent closing

speeds under a wide variety of temperatures.

- Adjustable backcheck standard. Provides cushioning when the door is abusively opened.
- Available with optional delayed action to delay door closing from maximum opening. Delay time is adjustable.
- Available with optional self-drilling screws for steel door and frame applications (DPK86).
- Available with optional self-tapping screws for aluminum door and frame applications (TPK86).
- BP640C mounting bracket can be used when installing into a 9-1/16" template hole pattern.

Certification

- ANSI/BHMA A156.4 Grade 1 certified.
- UL and CUL listed.
- Meets UL10C for positive pressure.
- CSFM approved.



CONTENTS

	Technical Details and Specifications	3
	How to Order	4
Technical Drawings	Regular × round form arm	5
	Regular × friction hold open	5
	Regular × cushion IS arm	6
	Regular × spring stop IS arm	6
	Top jamb × round form arm	7
	Top jamb × friction hold open	7
	Top jamb × cushion IS arm	8
	Top jamb × spring stop IS arm	8
	Parallel arm × round form arm	9
	Parallel arm × friction hold open	9
	Heavy-duty super parallel arm	10
	Heavy-duty parallel arm door saver × cushion	10
	Heavy-duty parallel arm × spring door saver	11
	Track — pull side door mounted	11
	Jamb track — pull side frame mounted	12
	Push track — push side soffit mounted	12
	Flush track — push side door mounted × backplate	13
	Track double egress — pull side frame mounted	13

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



Intertek



Intertek

Specification

All closers shall be DORMA 7400 Series hydraulic surface applied rack and pinion closers. The closer has two independent valves to separately control sweep and latch closing speeds and provide constant speeds when temperatures change. Standard with adjustable backcheck to provide cushioning effect in opening. All 7400 fully adjustable spring force door closers to include an integral design to positively stop adjustment of the spring at the minimum and maximum spring force settings.

Optional Specification

The 7400 Series closer to have delayed action (DA). Delayed action range will be effective from maximum opening to approximately 65°. All 7400 closers to have slim plastic cover (COV), full plastic cover (FC), or full plastic slotted cover (FCSL). Closers to have arm with a selective single point hold open between 80°–170° for regular

mount (FH), 70°–175° for parallel arm mount (specify FHP).

All closers to have sex nuts with machine screws for 1-3/4" door (SNB1) or 1-3/8" door (SNB2).

Closers to have self-drilling screws for steel doors and frames (DPK86). Closers to have self-tapping screws for aluminum doors and frames (TPK86).

Closers to have TORX security for all exposed fasteners (TX86). All closers to be supplied with BP640C mounting bracket to match a 9-1/16" closer body hole pattern.

Finishes**Standard Sprayed Finishes**

- Aluminum: 689.
- Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic).
- Gold: 696.
- Black: 693.

Optional DORMA Custom Color or Designer Color Finishes

Contact Customer Service.

Warranty

For details, refer to DORMA

Limited Warranty Policy on our website at go.dorma.com/terms.

REDUCED OPENING FORCE**INSTALLATIONS CAUTION:**

Manual door closers, including those certified to meet ANSI/BHMA 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 catalog for Low Energy Operator to meet reduced opening force requirements without affecting closing power.

Features	7414	7436
Spring sizes (shipped as size 4)	1–4*	3–6
Non-handed	•	•
Parallel arm bracket	•	•
Adjustable spring sizes	•	•
Fixed spring sizes	-	-
Controlled closing with two adjustment valves	180°–10° 10°–0°	180°–10° 10°–0°
Backcheck	•	•
Delayed action	•	•
Hold open	•	•
Self-drilling screws	•	•
Self-tapping screws	•	•
Tamper-resistant TORX screws	•	•
Slim plastic cover	•	•
Full plastic cover	•	•

• yes - no ◦ optional

* Meets 5 lb maximum opening force on 3'-0" wide interior doors.

Accessories	Round form arms	14
	Narrow profile arms	14
	Regular arm shoe and rod	15
	Friction hold open arm	15
	Cushion IS arm	15
	Spring stop IS arm	15
	Cushion IS/spring stop IS arm accessories	15
	Super parallel arm	16
	Door saver arm	16
	Spring stop door saver arm	16
	Track arms	16
	Sex nuts	16
	Backplates	17
	BP640C conversion plate	17
	Drop plates	18
	Brackets	18
	Slim plastic cover	19
	Full plastic cover	19
	Blade stop spacer	19
	Heavy-Duty blade stop spacer	19