## ANSI OPTIONS

<table>
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<tr>
<th>Model</th>
<th>Hinge Side</th>
<th>Parallel</th>
<th>Top Jamb</th>
<th>Hinge Side Hold Open</th>
<th>Parallel Hold Open</th>
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## ANSI FUNCTIONS

- **PDQ MODELS**

- **TO PDQ MODELS**

## ACCESSORIES/OPTIONS

- **SUGGESTED ARCHITECTURAL SPECIFICATIONS**

All door closers shall be PDQ Industries, Inc. 7100 Series with full rack and pinion construction, heavy duty cast iron closer body, forged steel main arm and full architectural cover. Hydraulic control shall be through separate hex key non-critical sweep, latch and backcheck valve adjustment. Backcheck positioning valve to provide consistent backcheck range on parallel arm applications. Optional delayed action (in addition to backcheck) to be effective from maximum opening to approximately 70 degrees. Closers shall be non-handed, suitable for regular, top jamb and parallel arm applications with fasteners for wood and metal doors and frames. Sex nuts and bolts shall be furnished standard. Spring adjustment to be provided throughout a range of sizes to include Barrier Free plus sizes 1-6 and capable of meeting barrier free force restrictions. All products to carry a 25-year manufacturer's limited warranty. Closers shall be listed by U.L./U.L.C., comply with UL 10C and UBC 7-2 (1997) for positive pressure and certified to ANSI A156.4 Grade 1.

---

**PARALLEL ARM DROP PLATE** — Required for Parallel arm mount with limited top door rail

**PART NO.: 719018**

**NFB** — NARROW FRAME BRACKET — For use w/DS/DSHO/SCS arms & BS spacer for added reinforcement with narrow frame applications

**PART NO.: 999011**

**SDST** — SELF DRILLING SELF TAPPING SCREWS

**PART NO.: 719007**

**TA** — TRACK ARM ASSEMBLY

**PART NO.: 719025**

**TAHO** — TRACK ARM HOLD OPEN

**PART NO.: 719027**

**EDAHO** — EXTRA DUTY ARM HOLD OPEN — PA application only (bumper eliminated)

**PART NO.: 719005**

**PA** — PARALLEL ARM BRACKET — Hold Open & Non-Hold Open

**PART NO.: 719001**

**BP** — BACK PLATE — For regular arm applications to clear mortised stop/holder

**PART NO.: 719008**

**BPTJ** — TOP JAMB BACK PLATE — Required to mount TJ on frame face less than 4"

**PART NO.: 719024**

**SNB** — SEX NUTS AND BOLTS — For through bolting on unreinforced, hollow core, composite or labeled fire doors 1-3/4" only

**PART NO.: 999004**

**SCS** — SPRING CUSHION STOP — For use w/DS/DSHO (PA mount) arms only

**PART NO.: 999032-01, 999033-01**

**FC** — FULL PLASTIC COVER

**PART NO.: 719006**

**FCM** — FULL METAL COVER (OPTIONAL)

**PART NO.: 719006ST**

**RA** — REGULAR ARM — Can be mounted REG/TJ/PA (requires PA bracket)

**PART NO.: 719003**

**DS** — DOOR SAVER (LIMITING STOP) ARM — PA application only

**PART NO.: 719005**

**DSHO** — DOOR SAVER (LIMITING STOP) HOLD OPEN ARM — PA application only

**PART NO.: 719016**

**HO** — HOLD OPEN ARM — Can be mounted REG/TJ/PA (requires PA bracket)

**PART NO.: 719002**

**BS** — BLADE STOP SPACER — Shims all PA brackets to clear 1/2" blade stop PA application only

**PART NO.: 999026**

**EDA** — EXTRA DUTY ARM — PA application only (bumper eliminated)

**PART NO.: 719005**

**DPTJ** — TOP JAMB DROP PLATE — Required to mount TJ with limited ceiling clearance or to clear surface applied stop/holder

**PART NO.: 719023**

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**SPECIFICATIONS**

**HANDLING:**
- Non-handed

**OPERATION:**
- Rock and pinion design

**BODY:**
- Cast iron

**ARMS:**
- Forged steel main arm

**ARM OPTIONS:**
- Track/Paralel Rail Option
- DLD/HDGC heavy duty parallel stop arm
- Spring Cushion Stop for DLD/HDGC
- EDA (Extra Duty PA Arm)

**Piston:**
- Hardened steel, 1/2" diameter

**ADJUSTMENT:**
- Adjustable controlled closing
- Separate hydraulic backcheck standard
- Backcheck positioning valve standard
- Separate sweep, latch, backcheck intensity and spring settings
- Optional delayed action (in addition to backcheck)

**ADJUSTMENT VALVES:**
- All Adjustment Valves are STAKED.

**FACTORY DEFAULT SPRING SETTINGS:**

**SIZE:**
- 3

**MOUNTING:**
- Mounting hole pattern retrofit (50/40) (for more information, see cross reference table)
- Tr-pinned for regular, top and parallel arm installations
- Includes brackets for metal and wood doors
- Spring Cushion Stop for DS/DSHO

**COVER:**
- Self drilling self tapping screws available
- End plastic cover standard (non-handed), optional 1/2" metal cover available (handed)

**FINISHES:**
- 605 (US3) – Polished Brass, 625 (US26) – Polished Chrome, 689 (US28) – Aluminum, 695 (N/A) – Duro Silver, 7100 CR441 DC8000 8900 5100 4040 7500 281 5800/4400

**SPRING CUSHION STOPS**

**NOTE:** PLUNGER SHOWN IN RED TO ENHANCE THE OPENING ANGLE, THE STOP ACTS AS A SHOCK ABSORBER.

**FINISHES**

**ARCHITECTURAL**
- 605 (US3) Bright Brass
- 625 (US26) Bright Chrome
- 689 (US28) Aluminum

**PAINTED**
- 625 (US26) Dark Oxidized Chrome
- 695 (N/A) Satin Brass

Note: All products are available in all finishes listed.

**Certifications**

- UL228 Listed
- ANSI/UL 10C Listed
- UL2077 Listed
- 54" (Fail In) – Hospitality
- 4' (Fail In) – Healthcare
- 42" (Fail In) – Federal Government
- 36" (Fail In) – Assisted Living
- 28" (Fail In) – K-12 Education
- 32" (Fail In) – Office
- 32" (Fail In) – State & Local
- 32" (Fail In) – Retail
- 32" (Fail In) – Office
- 32" (Fail In) – Government

**Warranty:**
- Twenty-five (25) year limited warranty
**FEATURES**
- 5lb Barrier Free Spring Setting for ADA Compliance
- 6 Additional Spring Settings that Provide 1% More Adjustment Capability to find that Sweet Spot for Optimal Door Closing Action.
- Barrier Free Settings Available on Both Regular/Top Jamb and Parallel Arm Applications.

**BODY**
- Sex nuts and bolts standard
- Self drilling self tapping screws available

**CUSHION STOPS**
- Cushion stops require separate hydraulic backcheck function should be adjusted to cushion the impact
- Parallel arm mount is a push side double lever arm application. It is similar to the parallel arm mount but in non-hold open (DS) and hold open (DSHO) applications.

**SPRING CUSHION STOPS**
- ES 7100 CR441 DC8000 8900 5100 4040 7500 281 5800/4400
- ES – Delayed Action
- BS – Blade Stop Spacer
- BP – Back Plate
- BRAH – Narrow Frame Bracket
- Tapping Screws
- Highest holding arm.
- Requires separate limiting stop by others.
- Similar to DS/DSHO without the stop. Requires separate limiting stop by others.

**OPERATION**
- Includes fasteners for metal and wood doors

**FINISHES**
- 605 (US3) – Bright Brass
- 625 (US26) – Polished Chrome
- 689 (US28) – Aluminum
- 695 (N/A) – Duro Deposition
- 613 (US10B) – Oil Rubbed Bronze
- 630 (US32D) – Oil Rubbed Bronze (PVD)
- 605 PVD – Bright Brass (PVD)
- 696 (US4) – Gold
- 697 (N/A) – Stainless
- 605 BRIGHT CHROMIUM
- 605 (US3) – Bright Brass (PVD)
- 613 OIL RUBBED BRONZE

**NOTES:**
1. For ADA (Extra Duty PA Arm) applications, remove stop from soffit bracket.
2. Not appropriate for use on fire labeled doors.
3. Requires separate limiting stop by others.
4. For Extra Duty PA Arm applications, specify EDA or EDAHO.
5. 5lbf (36” door)
6. Requires separate limiting stop by others.
7. Similar to DS/DSHO without the stop. Requires separate limiting stop by others.
8. Requires separate limiting stop by others.

**TYPICAL APPLICATIONS**
- Assisted Living
- Church
- Federal Government
- Healthcare
- Higher Education
- Hospitality
- Industrial
- K-12 Education
- Multi-Family
- Office
- Retail
- State & Local Government

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**HOW TO ORDER**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>BOX</th>
<th>OPTIONS</th>
<th>FINISH</th>
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<tr>
<td>71 – 7100 Series Door Closer</td>
<td>&gt; Substantial BPV</td>
<td>PA</td>
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<tr>
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<td>0</td>
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</table>

**RESISTANTS ACTION**
- 1 – Adjustable

**BACKCOVER**
- 6 – Delayed Action

**CROSS REFERENCE**

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>POS</th>
<th>GRADE</th>
<th>SIZE</th>
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<th>DURA</th>
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**INFO:**
Information in this sheet is compiled from public documents and third parties. As a result, PDQ makes no guarantees as to their accuracy, content, quality or availability. Comparisons were made using the technical features only and are not commercial comparisons. Final suitability should be determined by a professional hardware consultant.
ARCHITECTURAL FINISHES SPECIFICATIONS

- Tri-packed for regular, top jamb and parallel operation.
- Includes fasteners for metal and wood doors.

ARM OPTIONS:

- COVER: Full plastic cover standard (non-handed), optional.
- PISTON: Forged steel main arm.
- FINISHES: SPRING – Oil Rubbed Bronze (PVD), 630 (US32D) – Stainless Steel, 695 (N/A) – Duro.
- ADJUSTMENT: All Adjustment Valves are STAKED.
- CUSHION STOPS: Separate sweep, latch, backcheck intensity and resistance to wear, durability and corrosion.

SPRING SETTINGS:

- FACTORY DEFAULT: 605 (US3) – Bright Brass (PVD), 613 (US10B)
- 25% More Spring Setting: 625 (US26)
- 50% More Spring Setting: 689 (US28)
- 60% More Spring Setting: 696 (US4) – Gold Chrome, 689 (US28) – Aluminum
- 70% More Spring Setting: 695 (N/A) – Duro
- 80% More Spring Setting: 7100

COMPLIANCES:

- Meets requirements of the Buy American Act.
- Size 3
- UL228 listed
- ANSI/UL 10C listed for labeled swinging fire doors
- Certified to ANSI/BHMA A156.4-2006 Grade 1

Note: 7100 Series Closers can be adjusted to meet ADA barrier free applications. Strict compliance with ADA barrier free requirements requires separate limiting stop by others.

REGULAR ARM
Regular arm mount is a pull side application with double lever arm. The closer mounts on the door and the arm mounts to the frame. It provides the most efficient operation for a door control and is used on many commercial and institutional in-swinging doors. Regular arm mount is a poor choice for exterior out-swinging doors if it would put the closer on the exterior of the building. The arm assembly projects directly out from the frame. That may be a concern for vandalism or aesthetics. Regular arm application can be used with non-held open or held open arms.

TOP JAMB
Top jamb mount is a push side double lever arm application that offers the best alternative to regular arm mount. The closer mounts to the frame and the arm mounts to the door. This application is commonly used on exterior out-swinging doors. It is a poor choice for interior applications. The arm projects out similar to regular arm mount. Therefore, it can be a concern for vandalism or aesthetics. Top jamb application can be used with non-held open or held open arms.

PARALLEL ARM
Parallel arm mount is a push side double lever arm application. The closer is installed on the push side of the door and the arm is mounted to a parallel arm adapter plate installed to the frame sofite. The arm is approximately parallel with the face of the door. Parallel arm is often preferred where aesthetics or vandalism are concerns. Parallel arm is less efficient than regular or top jamb mounts due to the geometry of the arm. Parallel arm application can be used with non-held open or held open arms.

PARALLEL ARM (DS/DSHO) STOP ARM EXTRA DUTY ARM (EDA/EDADO) ARM
The parallel stop arm mount is an enhanced version of the parallel arm application. It is similar to the parallel arm mount but incorporates a more robust form of the dead stop. The dead stop feature is field handed. The closer, backcheck function should be adjusted to optimize the impact of the stop. The parallel stop arm is intended for use where an auxiliary stop cannot be utilized. The parallel stop arm is available in non-held open (DS) and held open (DSHO) applications.

Recommend using the SCS Spring Cushion Stop for moderate to high abuse installations.

For Extra Duty PA Arm applications, specify EDA or EDADO. Similar to DS/DSHO without the stop requires separate auxiliary stop by others.

TRACK ARM (TA)
The non-handed track arm incorporates a single forged main arm for installation in high use, high abuse door applications. It’s low profile helps prevent damage.
## ACCESSORIES/OPTIONS

<table>
<thead>
<tr>
<th>ANSI Functions to PDQ Models</th>
<th>ANSI Options</th>
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<tr>
<td>ANSI Options</td>
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## ANSI OPTIONS

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## SUGGESTED ARCHITECTURAL SPECIFICATIONS

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ANSI OPTIONS

*C02011* HINGE SIDE  
7101BCPA X X X X X  
7141BCPA X X X X X X X

*C02021* PARALLEL  
7101BCPA X X X X X  
7141BCDS X X X X X X

*C02041* TOP JAMB  
7101BCPA X X X X X  
7141BCPA X X X X X X

*C02051* HINGE SIDE HOLD OPEN  
7101BCHO X X X X X  
7141BCHO X X X X X X

*C02061* PARALLEL HOLD OPEN  
7101BCDSHO X X X X X X  
7101BCHO X X X X X

*C02081* TOP JAMB HOLD OPEN  
7101BCHO X X X X X  
7141BCHO X X X X X X

*C02211* HINGE SIDE TRACK  
7101BCTA X X X X X  
7141BCTA X X X X X X

*C02221* HINGE SIDE HOLD OPEN TRACK  
7101BCTAHO X X X X X  
7141BCTAHO X X X X X X

ANSI FUNCTIONS TO PDQ MODELS

**ACCESSORIES/OPTIONS**

*SUGGESTED ARCHITECTURAL SPECIFICATIONS*

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**PARALLEL ARM DROP PLATE** — Required for parallel arm mount with limited top door rail

PART NO.: 719018

**NFB - NARROW FRAME BRACKET** — For use w/DS/DSHO/SCS arms & BS spacer for added reinforcement with narrow frame applications

PART NO.: 999011

**SDST - SELF DRILLING SELF TAPPING SCREWS**

PART NO.: 719007

**TA - TRACK ARM ASSEMBLY**

PART NO.: 719025

**TAHO - TRACK ARM HOLD OPEN**

PART NO.: 719027

**EDAHO - EXTRA DUTY ARM HOLD OPEN** — PA application only (bumper eliminated)

PART NO.: 719005

**PA - PARALLEL ARM BRACKET** — Hold Open & Non-Hold Open

PART NO.: 719001

**BP - BACK PLATE** — For regular arm applications to clear mortised stop/holder

PART NO.: 719008

**BPTJ - TOP JAMB BACK PLATE** — Required to mount TJ on frame face less than 4"

PART NO.: 719024

**SNB - SEX NUTS AND BOLTS** — For through bolting on unreinforced, hollow core, composite or labeled fire doors 1-3/4" only

PART NO.: 999004

**SCS - SPRING CUSHION STOP** — For use w/DS/DSHO (PA mount) arms only

PART NO.: 999032-01, 999033-01

**FC - FULL PLASTIC COVER**

PART NO.: 719006

**FCM - FULL METAL COVER** (OPTIONAL)

PART NO.: 719006ST

**RA - REGULAR ARM** — Can be mounted REG/TJ/PA (requires PA bracket)

Part No.: 719003

**DS - DOOR SAVER (LIMITING STOP) ARM** — PA application only

Part No.: 719005

**DSHO - DOOR SAVER (LIMITING STOP) HOLD OPEN ARM** — PA application only

PART NO.: 719016

**HO - HOLD OPEN ARM** — Can be mounted REG/TJ/PA (requires PA bracket)

PART NO.: 719002

**BS - BLADE STOP SPACER** — Shims all PA brackets to clear 1/2" blade stop PA application only

PART NO.: 999026

**EDA - EXTRA DUTY ARM** — PA application only (bumper eliminated)

PART NO.: 719005

**DPTJ - TOP JAMB DROP PLATE** — Required to mount TJ w/limited ceiling clearance or to clear surface applied stop/holder

PART NO.: 719023