3100 SERIES

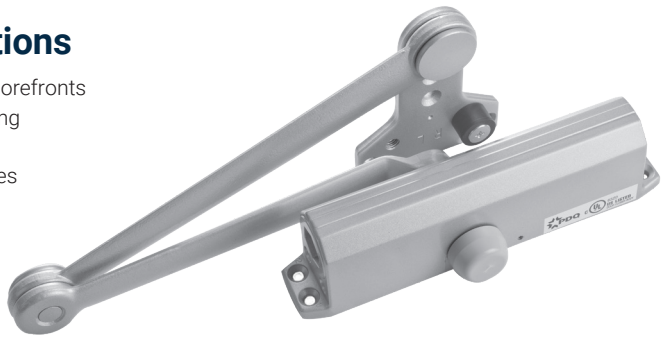
Light Commercial Closer

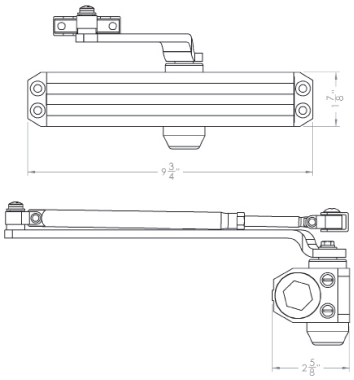
Grade 1

Architectural Submittal Sheet

Typical Applications

- Aluminum Storefronts
- Assisted Living
- Hospitality
- Interior Offices
- Multi-family





Specifications

BODY:	• High strength aluminum alloy
ARM OPTIONS:	• **PA –** Parallel Arm • **PS –** Pivot Stop Arm • **HO –** Hold Open • **DS/DSHO –** Heavy Duty Parallel Arm Stop • **SCS/SCSHO –** Heavy Duty Parallel Arm Cushion Stop
ADJUSTMENT:	• Separate hydraulic backcheck standard • Hydraulic controlled closing standard
SIZE:	• 3101 = Adjustable BARRIER FREE BF - 4 • 3100 = Adjustable 3 - 6
MOUNTING:	• Common 9-1/16" x 3/4" mounting hole pattern retrofits Yale® 50, Norton® 1600 • Tri-packed for regular, top jamb and parallel arm installations • Includes sex nuts/bolts and screws for wood, metal doors frames • **Self drilling self tapping screws standard** • Separate limiting stop may be required for high abuse applications
COVER:	• Streamline plastic cover optional
COLOR FINISHES:	• 689 – Aluminum, 693 – Black, 695 – Duro Bronze, 696 – Gold
WARRANTY:	• Twenty-five (25) year Limited Warranty
CERTIFICATIONS COMPLIANCES:	• UL listed for labeled swinging fire doors rated up to and including 3 hours • Certified to ANSI/BHMA A156.4 Grade 1 • Complies with ADA (Americans with Disabilities Act) and ICC/ANSI 117.1 for Accessible and Usable Buildings • TAA compliant. Country of origin: KR

3100 Series

PART	SIZE	DESCRIPTION
	3100 SERIES – ADJUSTABLE SIZES 3-6	
3100 BC PA	3-6	Closer, SNB (Tri-pack)
3100 BC PA SV	3-6	Closer, SNB (Tri-pack), Streamline Cover
3100 BC PA HO	3-6	Closer, hold open, SNB (Tri-pack)
3100 BC DS	3-6	Closer, door saver, SNB (PA Only)
3100 BC DSHO	3-6	Closer, door saver hold open, SNB (PA Only)
3100 BC SCS	3-6	Closer, door saver w/spring cushion stop, SNB (PA Only)
3100 BC SCSHO	3-6	Closer, door saver hold open w/spring cushion stop,SNB (PA Only)
3100 BC PS	3-6	Closer, pivot stop, SNB
3100 BC TA	3-6	Closer, track arm, streamline cover, SNB (for body only)
3100 BC TAHO	3-6	Closer, rack arm hold open, streamline cover, SNB (for body only)
3100 BC	3-6	Closer, body only
	3101 SERIES – ADJUSTABLE SIZES BF-4	
3101 BC PA	BF-4	Closer, SNB (Tri-pack)
3101 BC PA SV	BF-4	Closer, SNB (Tri-pack), Streamline Cover
3101 BC PA HO	BF-4	Closer, hold open, SNB (Tri-pack)
3101 BC DS	BF-4	Closer, door saver, SNB (PA Only)
3101 BC DSHO	BF-4	Closer, door saver hold open, SNB (PA Only)
3101 BC SCS	BF-4	Closer, door saver w/ spring cushion stop, SNB (PA Only)
3101 BC SCSHO	BF-4	Closer, door saver hold open w/spring cushion stop, SNB (PA Only)
3101 BC TA	3-6	Closer, track arm, streamline cover, SNB (for body only)
3101 BC TAHO	3-6	Closer, rack arm hold open, streamline cover, SNB (for body only)
3101 BC PS	BF-4	Closer, pivot stop, SNB
3101 BC	BF-4	Closer, body only

Finishes



689 (US28) Aluminum | 693 Black | 695 Dark Duranodic Bronze | 696 (US4)) Satin Brass (Gold)

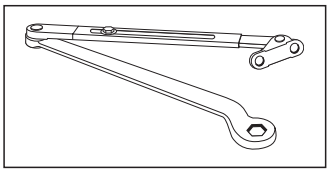
Spring Cushion Stop

CODE	DESCRIPTION
SCS-1	For 3'0" X 8'0" wood or hollow metal doors and frames
SCS-2	For 4'0" X 8'0" wood or hollow metal doors and frames

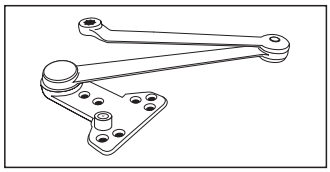
3100 Series

Arms

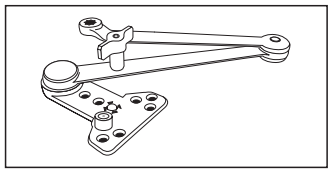
CODE	DESCRIPTION
RA	REGULAR ARM - Can be mounted REG/TJ/PA (requires PA bracket)
DS	DOOR SAVER ARM (Limiting Stop) - PA application only
DSHO	DOOR SAVER HOLD OPEN ARM (limiting stop) PA application only
HO	HOLD OPEN ARM - can be mounted REG/TJ/PA (requires PA bracket)
PA	PARALLEL ARM BRACKET - NON HOLD OPEN applications
PAHO	PARALLEL ARM BRACKET- HOLD OPEN applications
PS	PIVOT STOP ARM - Regular and Top Jamb Only



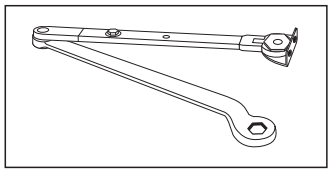
RA - REGULAR ARM



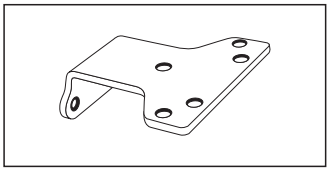
DS - DOOR SAVER (LIMITING STOP) ARM



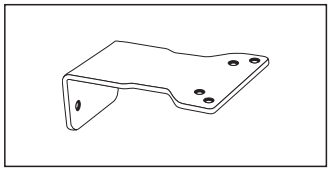
DSHO - DOOR SAVER (LIMITING STOP) HOLD OPEN ARM



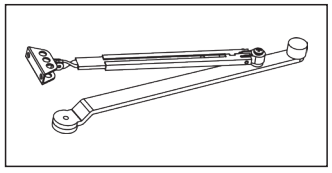
HO - HOLD OPEN ARM



PA - PARALLEL ARM BRACKET



PAHO - PARALLEL ARM HO BRACKET



PS - PIVOT STOP ARM