

### GRADE 1 HEAVY DUTY COMMERCIAL DOOR CLOSER



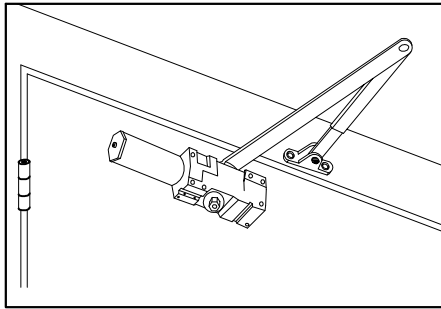
With Cover



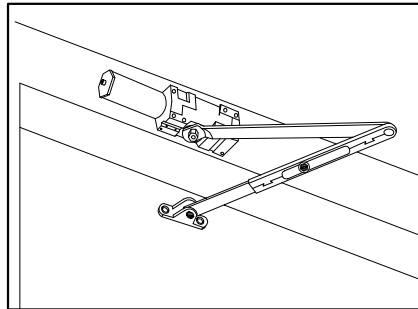
#### SPECIFICATIONS

- Certification:
  - ANSI/BHMA A 156.4 Grade 1
  - UL/CUL Listed
  - UL 10C 3 hours fire rating
- Materials of Closer body: Cast iron
- Materials of Closer arm: Forged steel for high traffic
- Handing: Non handed
- Cover: Full plastic cover included
- Adjustment:
  - Spring power size adjustable 1-6
  - Adjustable Backcheck
  - Adjustable sweep speed
  - Adjustable latching speed
  - Adjustable delayed action
- Rack and Pinion: Double Heat treated
- Bearings: Full needle bearing for high efficiency
- Fluid: Anti-Freeze and fire-proof
- Screws: Standard packing, sex nuts included
- Finish: Aluminum, Bronze and Black
- Installation type: Tri-packed (regular arm, top jamb and Parallel arm mounting)
- Limited Warranty: 10 years

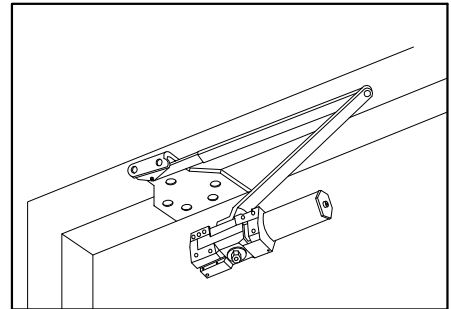
STANDARD MOUNT  
(PULL SIDE)



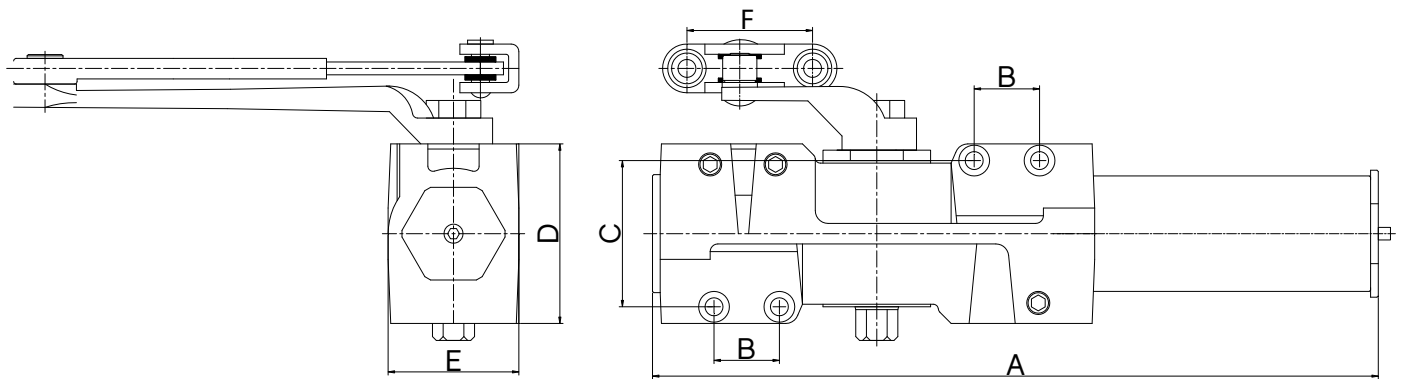
TOP JAMB MOUNT  
(PUSH SIDE)



PARALLEL MOUNT  
(PUSH SIDE)



### TECHNICAL DIMENSIONS



Description	Dimensions
A. Length of Closer Body	11" (280 mm)
B. Horizontal Mounting Holes	1" (25.4 mm)
C. Vertical Mounting Holes	2-1/4" (57 mm)
D. Closer Body Height	2-3/4" (70 mm)
E. Projection from Door	2" (51mm)
F. Arm Shoes Spacing	1-15/16" (49.2 mm)

Maximum Size of Door							
Regular & Top Jamb				Parallel Arm			
Closer Size	Interior	Exterior Inswing	Exterior Outswing	Closer Size	Interior	Exterior Outswing	Applicable Door Weight Lbs (Kg)
1	28"(0.71m)	N/A	N/A	1	N/A	N/A	33-66 (15-30)
2	36"(0.91m)	N/A	N/A	2	30"(0.76m)	N/A	66-99 (30-45)
3	42"(1.07m)	30"(0.76m)	36"(0.91m)	3	36"(0.91m)	30"(0.76m)	99-143 (45-65)
4	48"(1.22m)	36"(0.91m)	42"(1.07m)	4	42"(1.07m)	36"(0.91m)	143-187 (65-85)
5	54"(1.37m)	42"(1.07m)	48"(1.22m)	5	48"(1.22m)	42"(1.07m)	187-264 (85-120)
6	54"(1.37m)	42"(1.07m)	48"(1.22m)	5	48"(1.22m)	42"(1.07m)	187-264 (85-120)

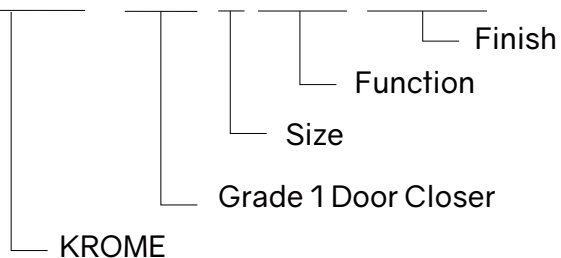
### OPTIONAL ACCESSORIES

<p>Regular or Top Jamb Narrow Drop Plate (2" Tall)</p>		<p>Item number: DP910TJ Finish: Aluminum (689) Dark Bronze (695) Black (693)</p>
<p>Parallel Arm Drop Plate (3-9/16" Tall)</p>		<p>Item number: DP910PA Finish: Aluminum (689) Dark Bronze (695) Black (693)</p>
<p>Low Clearance Drop Plate</p>		<p>Item number: DP910G Finish: Aluminum (689) Dark Bronze (695) Black (693)</p>
<p>Regular Arm Drop Plate</p>		<p>Item number: DP910R Finish: Aluminum (689) Dark Bronze (695) Black (693)</p>
<p>Friction type hold open arm</p>		<p>Item number: A910HO Available finsh: Aluminum (689) Black (693)</p>
<p>Cush Stop Arm</p>		<p>Item number: A910CSA Available finsh: Aluminum (689) Black (693)</p>
<p>Cush Stop Hold Open Arm</p>		<p>Item number: A910CSAHO Available finsh: Aluminum (689) Black (693)</p>
<p>Spring Cushion for cush or cush hold open arm</p>		<p>Item number: A910S Available finsh: Aluminum (689) Black (693)</p>
<p>Extended long rod and shoe</p>		<p>Item number: A910ELRS Available finsh: Aluminum (689) Black (693)</p>
<p>Extra extended long rod and shoe</p>		<p>Item number: A910EELRS Available finsh: Aluminum (689) Black (693)</p>

910 series metal cover non-handed	Item number: A910MC Finish: 689
910 series plastic cover	Item number: A910PC Finish: 689

### HOW TO ORDER

**KROM - 9 1 0 D A 6 8 9**



Item Number	Size	Function	Finish
91	Adjustable 1-6 (0)	Delayed Action (DA)	Aluminum (689) Black (693) Dark Bronze (695)
Note: Tri-packed, with backcheck and delayed action			