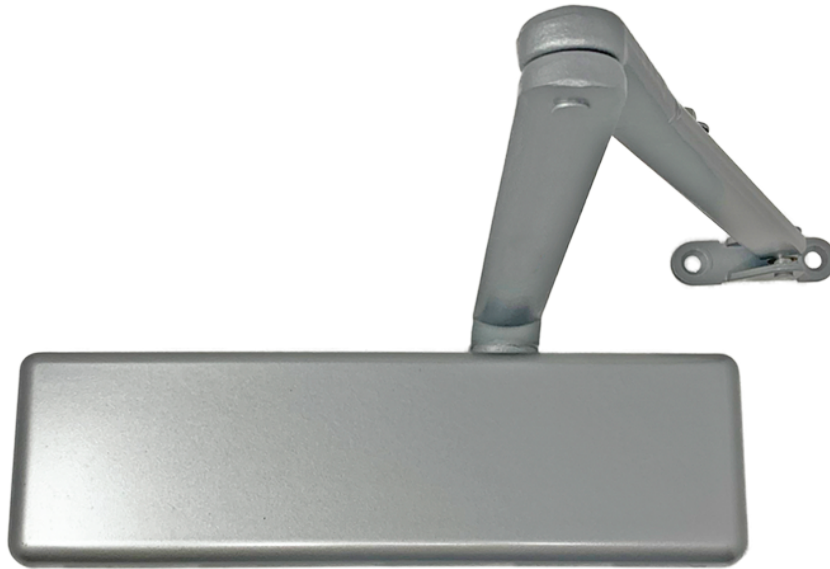


GRADE 1 HEAVY DUTY COMMERCIAL DOOR CLOSER



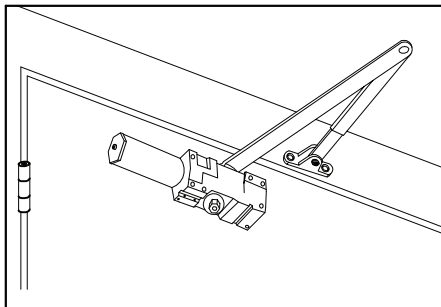
With Cover



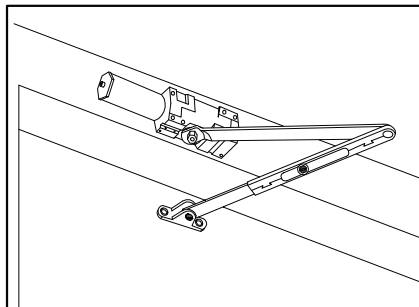
SPECIFICATIONS

- **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

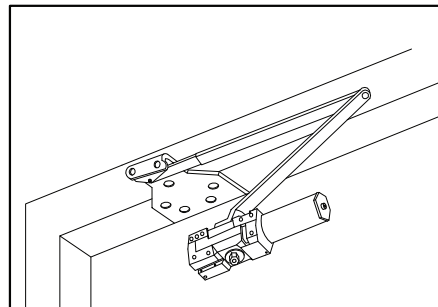
STANDARD MOUNT
(PULL SIDE)



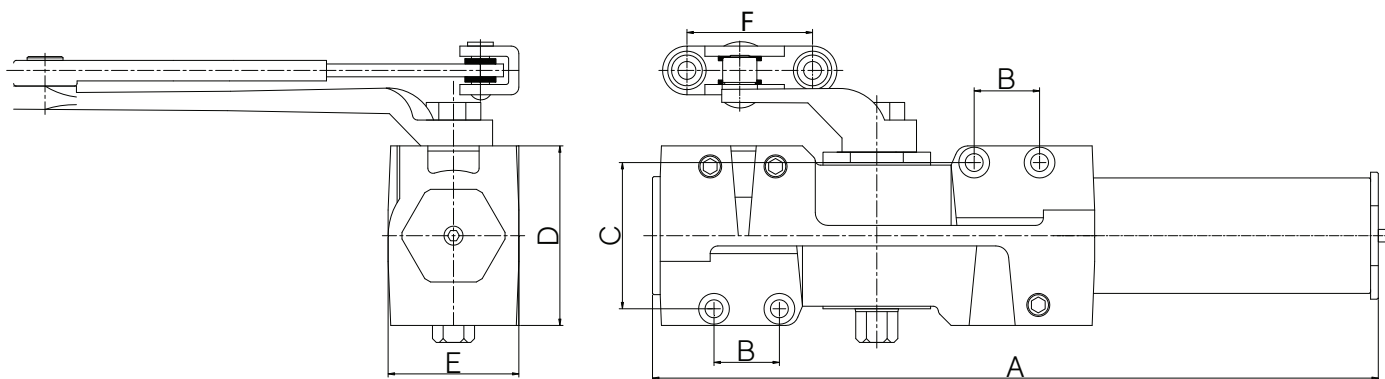
TOP JAMB MOUNT
(PUSH SIDE)



PARALLEL MOUNT
(PUSH SIDE)



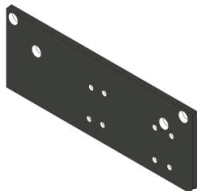
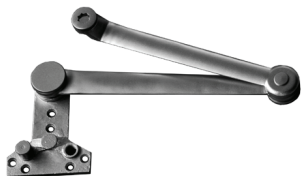
TECHNICAL DIMENSIONS



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

Regular or Top Jamb Narrow Drop Plate (2" Tall)		Item number: DP910TJ Available finsh: Aluminum (689)
Parallel Arm Drop Plate (3-9/16" Tall)		Item number: DP910PA Available finsh: Aluminum (689)
Low Cleareance Drop Plate		Item number: DP910G Available finsh: Aluminum (689)
Regular Arm Drop Plate		Item number: DP910R Available finsh: Aluminum (689)
Friction type hold open arm		Item number: A910HO Available finsh: Aluminum (689)
Cush Stop Arm		Item number: A910CSA Available finsh: Aluminum (689)
Cush Stop Hold Open Arm		Item number: A910CSAHO Available finsh: Aluminum (689)
Spring Cushion for cush or cush hold open arm		Item number: A910S Available finsh: Aluminum (689)

HOW TO ORDER

KROM - 9 1 0 D A 6 8 9

└─ KROME

└─ Grade 1 Door Closer

└─ Size

└─ Function

└─ Finish

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			