

CLOSER SELECTION DATA

ESTIMATED FREQUENCY OF DOOR OPERATION:

APPLICATION	DAILY FREQUENCY	CLOSER TYPE
Mall or Large Department Store Entrance Large Office Building Entrance	2,000 – 5,000	VERY HIGH HD FLOOR
Large Store or Bank Entrance Large School Entrance Medium to Large Restaurants Busy Fast Food Restaurants Busy Convenience Stores Large Theater Entrance	1,000 – 2,000	HIGH FLOOR HD SURFACE HD OH CONCEALED
Medium Store or Bank Entrance Medium Office Building Entrance Office Building Restroom Doors Corridor Doors Public Restroom Doors Small Store or Public Building Entrance	100 – 1,000	MEDIUM OH CONCEALED FLOOR SURFACE
Small Store or Office Restroom Doors Residential Doors Closet Doors	10 – 100	LOW SURFACE

DC50 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
DC51A	1	32" (0.81m)	30" (0.76m)	26" (0.66m)	33-66 Lbs. (15-30 kg)
DC52A	2	36" (0.91m)	32" (0.81m)	28" (0.71m)	66-99 Lbs. (30-45 kg)
DC53A	3	42" (1.07m)	36" (0.91m)	32" (0.81m)	99-143 Lbs. (45-65 kg)
DC54A	4	48" (1.22m)	42" (1.07m)	36" (0.91m)	143-187 Lbs. (65-85 kg)
DC55A	5	54" (1.37m)	48" (1.22m)	42" (1.07m)	187-264 Lbs. (85-120 kg)

DC60 SERIES SURFACE CLOSERS:

RECOMMENDED FOR LIGHT FREQUENCY USE ON RESIDENTIAL INTERIOR WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
DC62A	2	36" (0.91m)	32" (0.81m)	28" (0.71m)	66-99 Lbs. (30-45 kg)
DC63A	3	42" (1.07m)	36" (0.91m)	32" (0.81m)	99-143 Lbs. (45-65 kg)
DC64A	4	48" (1.22m)	42" (1.07m)	36" (0.91m)	143-187 Lbs. (65-85 kg)

PR40 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
PR40	1 - 4	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	24 - 36" (0.61 - 0.91 m)	33 - 187 Lbs. (15 - 85 kg)
PR42	2 - 5	36 - 54" (0.91 - 1.37 m)	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	66 - 264 Lbs. (30 - 120 kg)
PR44DA	2 - 5	36 - 54" (0.91 - 1.37 m)	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	66 - 264 Lbs. (30 - 120 kg)

PR50 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM TO HIGH FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
PR50	1 - 4	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	24 - 36" (0.61 - 0.91 m)	33 - 187 Lbs. (15 - 85 kg)
PR52	2 - 5	36 - 54" (0.91 - 1.37 m)	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	66 - 264 Lbs. (30 - 120 kg)
PR54DA	2 - 5	36 - 54" (0.91 - 1.37 m)	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	66 - 264 Lbs. (30 - 120 kg)

PR70 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
PR70BF	1/2 - 4	28 - 48" (0.71 - 1.22 m)	24 - 42" (0.76 - 1.07 m)	20 - 36" (0.66 - 1.91 m)	22 - 187 Lbs. (10 - 85 kg)
PR72DA	1/2 - 4	28 - 48" (0.71 - 1.22 m)	24 - 42" (0.76 - 1.07 m)	20 - 36" (0.66 - 1.91 m)	22 - 187 Lbs. (10 - 85 kg)
PR74	2 - 6	36 - 58" (0.91 - 1.47 m)	32 - 52" (0.81 - 1.32 m)	28 - 48" (0.71 - 1.22 m)	66 - 330 Lbs. (30 - 150 kg)
PR76DA	2 - 6	36 - 58" (0.91 - 1.47 m)	32 - 52" (0.81 - 1.32 m)	28 - 48" (0.71 - 1.22 m)	66 - 330 Lbs. (30 - 150 kg)

PR80 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
PR80	2 - 5	36 - 54" (0.91 - 1.37 m)	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	66 - 264 Lbs. (30 - 120 kg)
PR82BF	1 - 4	32 - 48" (0.81 - 1.22 m)	28 - 42" (0.71 - 1.07 m)	24 - 36" (0.61 - 0.91 m)	33 - 187 Lbs. (15 - 85 kg)

PR90 SERIES SURFACE CLOSERS:

RECOMMENDED FOR MEDIUM TO HIGH FREQUENCY USE ON ALUMINUM, WOOD OR METAL DOORS

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH)			APPLICABLE DOOR WEIGHT
		INTERIOR DOOR	EXTERIOR DOOR		
			SWING OUT	SWING IN	
PR90	1 - 6	32 - 60" (0.81 - 1.52 m)	28 - 54" (0.71 - 1.37 m)	26 - 48" (0.66 - 1.22 m)	33 - 330 Lbs. (15 - 150 kg)
PR92DA	1 - 6	32 - 60" (0.81 - 1.52 m)	28 - 54" (0.71 - 1.37 m)	26 - 48" (0.66 - 1.22 m)	33 - 330 Lbs. (15 - 150 kg)

OVERHEAD CONCEALED CLOSERS

RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 150 Lbs.

CLOSER MODEL	CLOSER SPRING SIZE	APPLICATION	APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE)			
			APPLICABLE DOOR SIZE (Width x Height)			
			2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
ADA - 5 Lb.	1 - 2	CENTER-HUNG	7	5	N/A	N/A
		OFFSET	10	8.5	6	N/A
ADA - 8.5 Lb.	2	CENTER-HUNG	9	8.5	5	N/A
		OFFSET	13	12	9	7
LIGHT SPRING	2	CENTER-HUNG	10	8	6	5
		OFFSET	14	12	10	8
MEDIUM SPRING	3	CENTER-HUNG	13	11	9	7
		OFFSET	17	15	13	11
HEAVY SPRING	4	CENTER-HUNG	17	15	13	11
		OFFSET	N/A	19	17	15

NOTE: 1. Closer Force readings are in *pound force* required to open specified door width and are taken at the lock stile.

2. All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure, may require the next size closer.

3. Although the ADA Closer is designed to provide ADA barrier-free opening force requirements, adequate closing force may not be obtained due to varying site conditions and door size.