

ADA 5lbs opening force & closing speed control | **1,000,000 CYCLES TESTING**



MULTI-FUNCTION GATE CLOSER

Combined Performance:

- Hinge
- Gate Closer
- Hold Open
- Door Stop



PRACTICAL
ADJUSTABLE
DURABLE
ATTRACTIVE
VARIETY

Supports heavy gates, saves money, and works with multiple materials.
Satisfies ADA requirements with easily adjustable controlled closing speed.
Crafted with high quality stainless steel featuring leak-free patented design.
Sleek, compact design that's free of extraneous and obtrusive components.
Available in full-surface, side mount and butt gate closer types.



A Movement Revolution

Commercial Grade Stainless Steel
K51P - Full Surface Gate Closers
K51WP- Side Mount Gate Closers
K51MP - Butt Gate Closers

HOW TO ORDER

Product Identification

K51

MP

-450

A3

-630

Other Functions

Materials

K51: Stainless Steel
(Type 304 is standard)

Closer Hinge Style

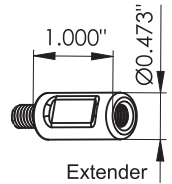
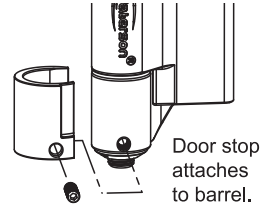
P: Full Surface, clamping
PS: Full Surface, screw-on
MP: Butt with cap
W: Side Mount without cap
WP: Side Mount with cap

Hinge Sizes

See drawings

Options

Upgrade to 316SST
1" Extender
0.5" Extender
Door Stop
Available in 90°, 110° or 120° depending on hinge type



Finishes On Stainless Steel

630 (US32D) - Satin Stainless Steel
631 (US19) - Flat Black – Powder coating
695 - Dark Satin Bronze – Powder coating
731 (US4) - Satin Brass – Physical vapor deposition
Contact us for custom finishes.

Function Model

Purely Mechanical: A Mechanical + Hold Open: C
Hydraulic Hybrid: B Hydraulic + Hold Open: D

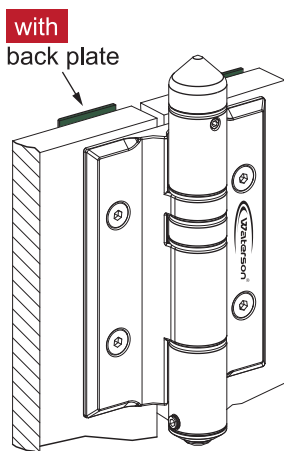
Hinges per Set

Sets are combinations of the following closer hinges, each with distinct functions.

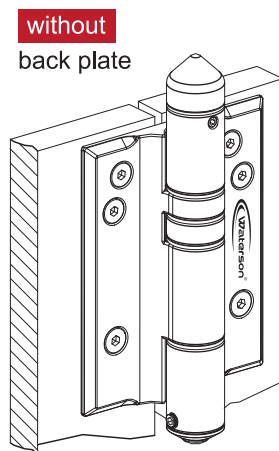
DS	Double closing force	HA	Hydraulic damping + Swing speed adjustment
SA	Closing force + Swing speed adjustment	HS	Hydraulic damping + Closing force
SA1	Closing force + Latch speed adjustment	NM	No closing function (regular hinge)
SB	Closing force adjustment + Hold open		

CLOSER HINGE STYLE

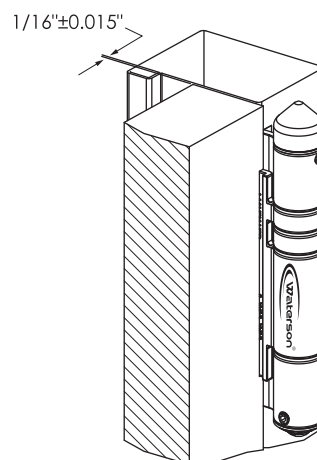
K51P
Full Surface Clamping Style



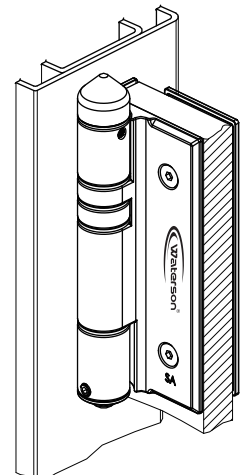
K51PS
Full Surface Screw-on Style



K51MP
Butt Hinge Style

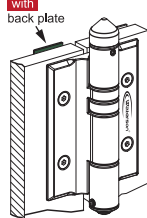

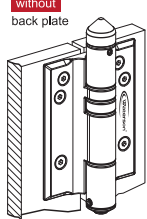

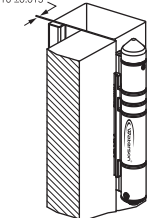

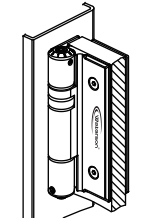

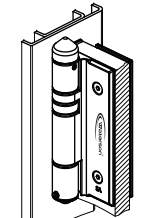



K51W, no cap
K51WP, with cap
Side Mount Style



PRODUCT SELECTION TABLE

Stainless Steel Gate Closer Hinges

Gate (Maximums)			Operation		Closer Hinges		Sets of Closer Hinges (Style-Size-Set-Others)				
Post Width (inches)	W x H (feet)	Weight (pounds)	Hold Open	Mechanical: All locations. Hybrid: Softer closer, interior only.	Per Door	Configuration (See Models Table)	Hinge Type	Leaf Template height x width (inches)	Recommended Sets	Options	Finishes
1" - 4" (+/- 0.5")*	4 x 6	150	NO	Mechanical	2	SA.SA1	 <p>Full Surface w/ back plate</p>	5" x 4"	K51P-500-A2	Door Stop (90°, 120°) Upgrade to 316	Stock  Stainless Steel US32D
				Hybrid	2	DS.HA		-	K51P-500-B2		
	4 x 7	260	NO	Mechanical	3	SA.SA.SA1		-	K51P-500-A3		
				Hybrid	3	DS.HA.SA		-	K51P-500-B3		
		260	YES	Mechanical	3	SB.SA.SA1		-	K51P-500-C3		
				Hybrid	3	DS.HA.SB		-	K51P-500-D3		
*Available in optional 0.5" increments.											
1" or 1.5"	4 x 6	150	NO	Mechanical	2	SA.SA1	 <p>Full Surface w/o back plate</p>	5" x 4"	K51PS-500-A2	Door Stop (90°, 120°) Upgrade to 316	Custom  Flat Black US19
				Hybrid	2	DS.HA		-	K51PS-500-B2		
	4 x 7	260	NO	Mechanical	3	SA.SA.SA1		-	K51PS-500-A3		
				Hybrid	3	DS.HA.SA		-	K51PS-500-B3		
		260	YES	Mechanical	3	SB.SA.SA1		-	K51PS-500-C3		
				Hybrid	3	DS.HA.SB		-	K51PS-500-D3		
1.5" - 2"	4 x 6	150	NO	Mechanical	2	SA.SA1	 <p>Butt Hinge w/ weather cap</p>	4.5" x 4.5"	K51MP-450-A2	Door Stop (90°, 120°) Upgrade to 316	 Satin Brass US4
				Hybrid	2	DS.HA		-	K51MP-450-B2		
	4 x 7	260	NO	Mechanical	3	SA.SA.SA1		-	K51MP-450-A3		
				Hybrid	3	DS.HA.SA		-	K51MP-450-B3		
		260	YES	Mechanical	3	SB.SA.SA1		-	K51MP-450-C3		
				Hybrid	3	DS.HA.SB		-	K51MP-450-D3		
1" - 4"	4 x 6	150	NO	Mechanical	2	SA.SA1	 <p>Side Mount w/o weather cap</p>	6" x 1.5"	K51W-600-A2	Door Stop (110°) Upgrade to 316	 Dark Bronze 695
				Hybrid	2	HS.SA		-	K51W-600-B2		
	4 x 7	260	NO	Mechanical	3	SA.SA.SA1		-	K51W-600-A3		
				Hybrid	3	SA.HS.SA		-	K51W-600-B3		
		260	YES	Mechanical	3	SB.SA.SA1		-	K51W-600-C3		
				Hybrid	3	SA.HS.SB		-	K51W-600-D3		
1" - 4"	4 x 6	150	NO	Mechanical	2	SA.SA1	 <p>Side Mount w/ weather cap</p>	6" x 1.5"	K51WP-600-A2	Door Stop (110°) Upgrade to 316	 Ask Waterson
				Hybrid	2	HS.SA		-	K51WP-600-B2		
	4 x 7	260	NO	Mechanical	3	SA.SA.SA1		-	K51WP-600-A3		
				Hybrid	3	SA.HS.SA		-	K51WP-600-B3		
		260	YES	Mechanical	3	SB.SA.SA1		-	K51WP-600-C3		
				Hybrid	3	SA.HS.SB		-	K51WP-600-D3		

- ▶ See product data sheets, installation instructions, and limited warranty for additional information.
- ▶ Contact WATERSON (watersonusa.com) for other gate configurations and special conditions.



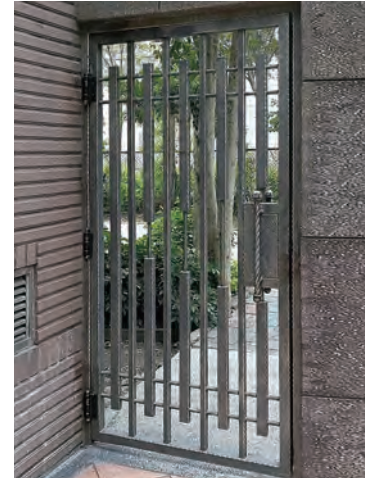
Heavy duty durable design



Easier to meet codes*



Maintains elegance



ADA 5lbs opening force



Simple & clean surface



Secure & effective latching



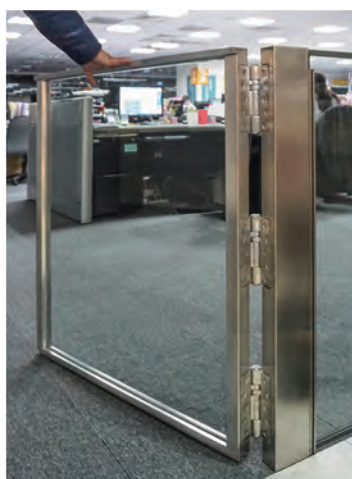
Quiet and controlled closing



Tall gate compatible



Fits multiple gate styles



Reliable and long-lasting



Dependably weather resistant



Marine grade corrosion free

*Please follow ISPSC, IRC or local codes regarding hardware placement.



Waterson USA
861 Production Place,
Holland, MI, 49423

Phone: **+1-770-746-9758**
Website: **watersonusa.com**
Email: **hinges@watersonusa.com**