Loading Arm Compression Spring

The Right Connection®

Applications
- Bottom and top loading for bulk liquids and other loading products
- Suitable for fuel loading racks and other loading applications requiring multiple loading arms to crossover, or for loading arms to rotate with space constraints

Sizes
- Compatible with 2”, 3”, 4” and 6” loading arms

Features
- Compact design with one universal spring used on all assemblies
- Higher moment load capacity can support longer and heavier loading arms
- Adjustable using simple hand tools
- Accessible adjustment mechanism is located on the lower end of the spring
- Spring position indicator shows a visual indication of spring tension
- Compatible with either right-hand or left-hand loading arms
- Counterbalance bracket and pipe clamp used are the same components that are currently used with our torsion spring counterbalance
- Available on loading arm assemblies constructed in aluminum, carbon steel, or stainless steel

Materials
- Forged steel adjustment mechanism
- Carbon steel canister, spring, and hardware
- Stainless steel connecting rod

NOTE: Please see back of page for examples of part numbers for loading arm assemblies. Contact Dixon for options.

Dixon Specialty Products

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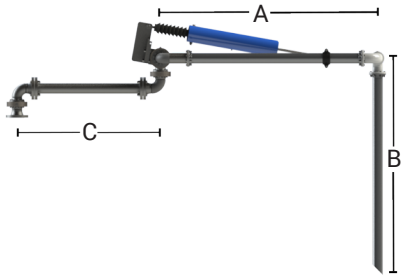
Top Loading

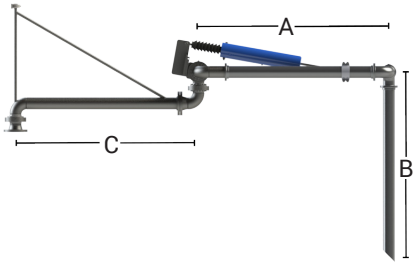
Unsupported Boom

Size	Part #	Leg A	Leg B	Leg C
3"	305958JAK67HC00	72"	72"	48"
4"	306056JAU66HC00	72"	72"	48"



Supported Boom

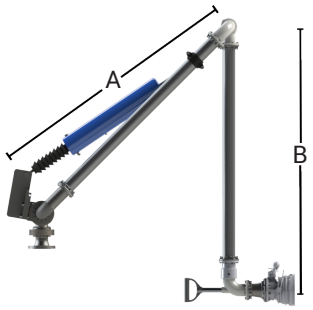
Size	Part #	Leg A	Leg B	Leg C
3"	306158JAK67HC00	72"	72"	48"
4"	300556JAU66HC00	72"	72"	48"



Bottom Loading

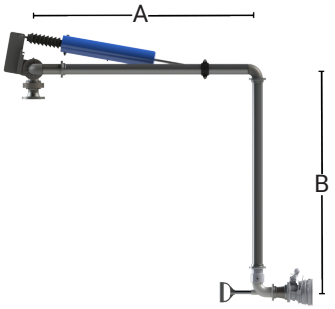
A-Frame

Size	Part #	Leg A	Leg B
3"	3V3G58JAK59C1ED	72"	72"
4"	3V4G56JAU58C1ED	72"	72"



Horizontal

Size	Part #	Leg A	Leg B
3"	3V3G63MV061C1ED	72"	72"
4"	3V4G62MV059C1ED	72"	72"



Range of Motion

- The range of motion can vary based on the clamp's position, spring tension, and the type of loading arm configuration
- Horizontal arms require a clearance of 54" from the back of the clamp to the center of the base swivel
- A-frame arms require a clearance of 58" from the back of the clamp to the center of the base swivel