



Dixon Loading Arms

Quality components, efficient design, fast delivery



Applications:

- used in the transfer of liquids and dry bulk in refineries, chemical plants, rail terminals, truck terminals, tote and drum filling and food industry

Sizes:

- 2", 3", 4" and more upon request

Materials:

- various materials available including: hardened carbon steel, 316L stainless steel and aluminum
- seals: Buna, EPDM, FKM A and B, PTFE, Baylast and more on request
- counterbalance housing: steel

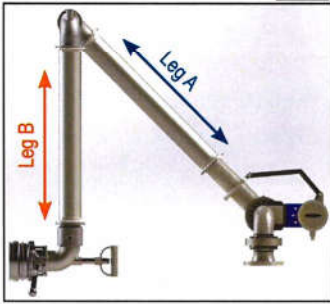
Features:

- three options for sealing swivels: O-ring, V-ring and Split Flange
- fast delivery for many sizes and styles
- engineered with easy service in mind
- wide variety of end configurations available
- torsion spring counterbalance:
 - ball screw adjustment mechanism for easy and safe adjustment
 - multiple spring rates available for different load requirements
 - multiple grease ports for ease of service

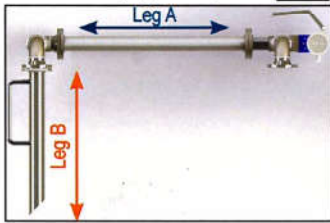
Loading Arm Order Guide

Section 1: Configuration(s)

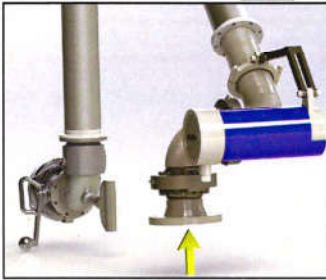
a. A-frame



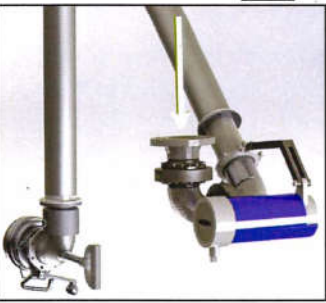
Horizontal (top load)



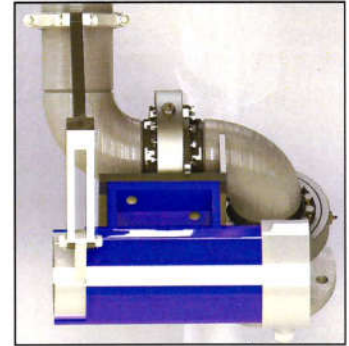
b. Upfeed



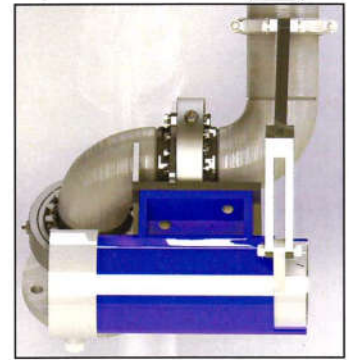
Downfeed



c. Left-hand



Right-hand



Section 2: Component Measurements and Material

Leg A Length: _____ Material: carbon steel aluminum stainless steel
 Leg B Length: _____ Material: carbon steel aluminum metal hose stainless steel

Section 3: Application Information

a. Customer: _____ Contact Name & Number: _____
 b. Pipe Size: 2" 3" 4" _____"
 c. Base Swivel: Split flange style V-ring style O-ring style
 d. Riser stand pipe connection: 150 ANSI flange 300 ANSI flange TTMA flange other _____
 e. Terminal end connection: open flow (45° pipe cut) API coupler other _____
 f. Product fluid / media: fuel asphalt other _____
 g. Seals (Dixon can recommend based on media): buna-N Viton™ PTFE FKM A&B EPDM

Section 4:

Adjustment instructions to balance the loading arm:
 Turn adjustment nut with a wrench clockwise (tighten) to increase the tension on the loading arm and turn the nut in the opposite (loosen) direction to reduce the tension on the arm.



Sketches / Notes:

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Dixon Specialty Products