

Dixon® Loading Arms

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

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

Materials

- Various materials available including: hardened carbon steel, 316L stainless steel, and aluminum
- Seals: Nitrile rubber, EPDM, FKM A and B, PTFE, Baylast™, and more on request
- Counterbalance housing: steel

NOTE: Visit dixonvalve.com/en/dixon-loading-arms for additional product information or call 888.226.4673.



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Split Flange Swivels

Applications

- For use in industries from petroleum, blending plants, petrochemical, refining, mining, distilling, paint plants, farm irrigation and fertilizing, wastewater treatment, food and beverage process equipment, marine, and many more

Sizes

- 2", 3", 4"

Features

- Bearing pack design allows easy seal change without removing the ball bearings
- Simple maintenance: remove one nose piece, replace seal pack, and reinstall with little downtime
- In-stream seal separates the wetted area from the ball bearings, allowing for longer bearing pack life compared to conventional swivels
- Wide-set bearing race for higher moment loads
- Compact design for low-profile applications
- Full penetration weld

Materials

- Bearing pack: through hardened forged high-carbon alloy
- Material contact surfaces: stainless steel, carbon steel nose pieces, or aluminum
- Seals: FKM-A, PTFE, and more upon request

Specifications

- Pressure rating: up to **600 PSI**
- Standard temperature range is **-40°F to 250°F (-40° to 121°C)**; other temperature ranges can be met upon request, depending on seal material (with standard Nitrile rubber seals: **250°F (121°C)**)

Available options

- Swivel end configurations: 150 lb. and 300 lb. flanges, FNPT, MNPT, butt weld, TTMA, and others upon request

