

Swivel Joints

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Applications

- Used wherever a leak-proof swivel connection is needed in pipelines or in combination with hoses to eliminate hose twisting
- Industries range from petroleum, petrochemical, refining, mining, distilling, paint, farm irrigation and fertilizing, wastewater treatment plants, and food and beverage process equipment. Dixon® swivel joints are found in blending plants, drum filling applications, fluid and dry bulk transfer, vacuum trucks, oil and gas trucks, and water trucks. Larger swivels can be found in the steel industry, marine bulk transfer, and many more applications.



Features

- Full 360° rotational movement
- Wide spacer ball bearing raceways ensure greater load bearing capacity
- Precision-machined design ensures alignment and years of trouble-free service
- O-ring dust seal protects the ball races and seals chamber from outside elements
- Radius elbow design ensures a smooth flow pattern
- Hydrostatic testing is performed on all swivels before shipment
- 100% full penetration weld

Options Available

- Swivel joint types: O-Ring, V-Ring, Cap Seal, and Split Flange
- End configurations: female NPT, 150# flange, TTMA flange, grooved, weld end, and many other variations
- Seal options: Nitrile rubber, FKM, PTFE, EPDM, FDA nitrile rubber, and others upon request
- Ball bearing materials: carbon steel, 440 stainless steel, and 316 stainless steel
- Grease materials: Lithium, FDA approved/food grade, silicone, and others upon request
- Swivels that include oxygen, steam or submerged service can be specifically designed for unique applications (special order)
- Re-build kits available
- High performance acrylic polyurethane paint
- Custom swivel options available; contact Dixon at 888.226.4673

Swivel configurator available at dixonvalve.com

Typical Applications

A-Frame Loading Arm with Rigid Drop Pipe



Unsupported Boom Loading Arm

