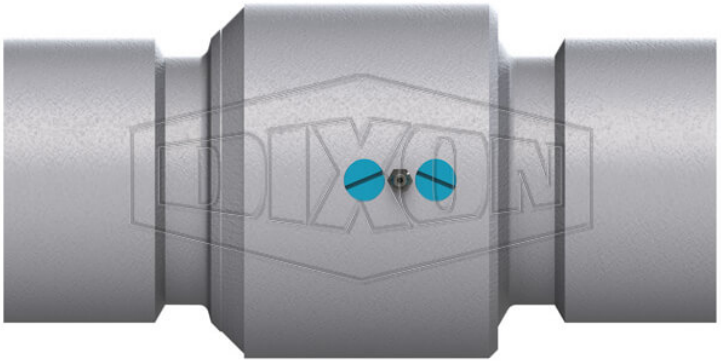
SWIVEL JOINT STYLE 20 FEMALE NPT X FEMALE NPT

DATE
: 11/24/2026 01:54 AM

SKU
: 27108

BRAND
: DIXON VALVE

MODEL
: 420FXFCS11100



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

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™\'s 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.
Features:
Spring loaded triple V-ring sealing system ensures a leakproof seal at either high or low pressure and extends seal life
Full 360° rotational movement
Wide spacing between dual ball bearing raceways ensures greater load bearing capacity
Precision-machined design ensures alignment and years of trouble-free service
Hydrostatic testing is performed on all swivels before shipment
O-ring dust seal protects the ball races and seals chamber from outside elements
Construction:
The 3"- 8" carbon steel swivels are manufactured from carbon steel with laser hardened dual raceways for greater load bearing capacity and longer life.
Available Options:
End configurations: female NPT, #150 flange, TTMA flange, grooved, weld end and many other variations
Seal options: Buna, FKM, PTFE, EPDM, FDA Buna, FFKM
Ball bearing materials: carbon steel, 440 stainless steel and 316 stainless steel
Grease materials: Lithium, FDA approved/food grade and silicone
Swivels that include oxygen, steam or submerged service can be specifically

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designed for unique applications (special order)
100% full penetration welding available
Note:
Custom swivel options available, contact Dixon™ for information. Our factory sales and engineering staff will be happy to help you evaluate your swivel application and determine the proper swivel joint needed. Please call 800.355.1991.
Re-build kits available
Safety notes:
The Swivel should be packed such that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In case of the use of the swivel in submerged service, this would include the dust seals and ball bearings. We always recommend the use of the stainless steel ball bearings when building a swivel for submerged service, since should the standard carbon steel ball bearings rust together, they make it possible to dissemble the swivel and may affect operation.
Lubrication should be performed periodically, depending on service and operating conditions. Twice yearly is normally sufficient.
WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Ball Bearings	Carbon Steel
Dust Seal	FKM
Grease	Standard
Material	Carbon Steel
Factory Part Number	420FXFCS11100
Pressure Seal	FKM
Retainer	Aluminum
Size	4"
Style	V-Ring
Weight Lb	30.8200

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