Dixon® MannTek Dry Disconnect and Dry Gas Couplings

New

The Right Connection®

DDC AND DGC NEW STATE-OF-THE-ART 2.0 DESIGN

Dry Disconnect Coupling 2.0

Features
- New 2.0 design based on handling and ergonomics
- Integrated body, handle, and bumper for supreme performance
- Bumper with guidance covering the roll axles and arrow for easier alignment
- 50% less force needed to couple the units together
- 43% improved flow capacity
- Shorter loading times and reduced energy consumption

Applications
- Used by producers of ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum, chemicals, agricultural products, and a wide variety of common caustic and specialty acids
- Designed for the quick and spill-free connection and disconnection of hoses and pipelines

Specifications
- Working pressure at ambient temperature **70°F (21°C)**:
  Aluminum: **230 PSI**, up to 4”
  Brass/gunmetal[1]: **230 PSI**, up to 4”
  Stainless steel: **360 PSI**

Coupler x Female NPT (new part numbers)

Female NPT	Body Size	316 Stainless Steel Part #	Aluminum Part #	Brass/Gunmetal[1] Part #
2"	70 mm	2DDC200SS	2DDC200AL	2DDC200BR
3"	119 mm	2DDC300SS	2DDC300AL	2DDC300GM

[1]Produced to U.S. government bronze specification G

Coupler x 150# ASA Flange

150# Flange	Body Size	316 Stainless Steel NEW Part #
2"	70 mm	2DDC200SSFL
3"	119 mm	2DDC300SSFL

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

See reverse side for O-ring/repair kit information.

Current part numbers will be going obsolete. Support for older versions will continue until stock is depleted.

Dixon

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The Right Connection®

Dry Gas Coupling 2.0

Features
- New 2.0 design based on handling and ergonomics
- Integrated body, handle, and bumper for supreme performance
- Bumper with guidance covering the roll axles and arrow for easier alignment
- 40% less force needed to couple units together
- 45% improved flow capacity
- Shorter loading times and reduced energy consumption

Applications
- Primary application is in the handling of LPG - Propane and Butane
- Designed for loading and discharge of bobtails or intermediate bulk delivery trucks to and from rail cars

Specifications
- Working pressure: **360 PSI** at ambient temperature **70°F (21°C)**
- Can be coupled to a tank unit with pressures up to **225 PSI** at ambient temperature **70°F (21°C)**, if pressure is higher, equip couplings with pressure relief valves

Coupler x Female NPT

Female NPT	Body Size	316 Stainless Steel NEW Part #
2”	71 mm	2DGC200SS
2”	71 mm	2DGC200SSFL
3"	119 mm	2DGC300SS

DDC AND DGC O-Rings, Repair Kits, Handle, Handle Screws, and Inner Pack Kits

NEW Dixon 2.0 Part #	2.0 O-Ring Kit* Part #	2.0 Repair Kit Part #	2.0 Replacment Handles (2 per coupler)	2.0 Handle Screws (2 per handle/4 per coupler)	2.0 Inner Pack Kit Part #
2DDC200AL	70CORKVI	70CRKAL2.0	7622-1B/B	7616-4	S-IP2S-11
2DDC200BR	70CORKVI	70CRKBR2.0	7622-1B/B	7616-4	S-IP2S-22
2DDC200SS	70CORKVI	70CRKSS2.0	7622-1B/B	7616-4	S-IP2S-44
2DDC200SSFL	70CORKVI	70CRKSS2.0	7622-1B/B	7616-4	S-IP2S-44
2DDC300AL	119CORKVI	119CRKAL2.0	7632-1B/B	7617-4	S-IP4S-11
2DDC300GM	119CORKVI	119CRKBR2.0	7632-1B/B	7617-4	S-IP4S-22
2DDC300SS	119CORKVI	119CRKSS2.0	7632-1B/B	7617-4	S-IP4S-44
2DDC300SSFL	119CORKVI	119CRKSS2.0	7632-1B/B	7617-4	S-IP4S-44
2DGC200SS	71DGCORKVI2.0*	71DGCRKSS2.0	7622-1B/O	7616-4	S-IP2M-2471
2DGC200SSFL	71DGCORKVI2.0*	71DGCRKSS2.0	7622-1B/O	7616-4	S-IP2M-2471
2DGC300SS	119DGCORKVI	119DGCRKSS2.0	7633-1B/O	7617-4	S-IP4M-24

NOTE: All current adapters, caps, and plugs will fully interchange with the new DDC and DGC versions.
*O-ring kits will also interchange except on the 2” DGC unit.
Repair kits, handles and inner pack kits will not interchange. You must use a 2.0 version kit in the 2.0 coupler.
Each coupler will need two replacement handles and four screws.
Current part numbers will be going obsolete. Support for older versions will continue until stock is depleted.

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