

## Dixon® MannTek Dry Gas Couplings

### 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

### Features

- Reliable, easy to maintain
- Minimizes the risk of cold burns, spillage, product loss, and health risks and keeps the environment free of hazardous vapors and liquids
- Compatible with existing dry disconnect couplings
- Composite (Polyeten PE-HD 300) plug provides good protection in harsh environments
- For pressure relief options, contact Dixon

### Materials

- Stainless steel and brass / gunmetal (produced to U.S. government bronze specification G)
- Low temperature FKM (FPM) seals

### 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<br>Part # |
|------------|-----------|-------------------------------|
| 1"         | 56 mm     | DGC100SS                      |
| 2"         | 71 mm     | DGC200SS                      |
| 3"         | 119 mm    | DGC300SS                      |

#### Dust Plug for Couplers

| Size | Body Size | Polyeten PE-HD 300<br>Part # |
|------|-----------|------------------------------|
| 1"   | 56 mm     | DGDP100                      |
| 2"   | 71 mm     | DGDP200                      |
| 3"   | 119 mm    | DGDP300                      |

#### Adapter x Female NPT

| Female NPT | Body Size | 316 Stainless Steel<br>Part # |
|------------|-----------|-------------------------------|
| 1"         | 56 mm     | DGA100SS                      |
| 2"         | 71 mm     | DGA200SS                      |
| 3"         | 119 mm    | DGA300SS                      |

#### Adapter x Female ACME

| Female ACME | Body Size | 316 Stainless Steel<br>Part # |
|-------------|-----------|-------------------------------|
| 1-3/4"      | 56 mm     | DGA100SS175                   |
| 3-1/4"      | 71 mm     | DGA200SS325                   |

#### Adapter-Tank Unit x 150# ASA Flange

| 150# Flange | Body Size | 316 Stainless Steel<br>Part # |
|-------------|-----------|-------------------------------|
| 1"          | 56 mm     | DGA100SSFL                    |
| 2"          | 71 mm     | DGA200SSFL                    |
| 3"          | 119 mm    | DGA300SSFL                    |

NOTE: For flange dimensions, diagrams, and additional information, please reference [dixonvalve.com](http://dixonvalve.com).

#### Dust Cap for Adapters

| Body Size | Material          | Part #  |
|-----------|-------------------|---------|
| 56 mm     | polyeten PE-HD300 | DGDC100 |
| 71 mm     | rubber            | DGDC200 |
| 119 mm    | rubber            | DGDC300 |

NOTE: Refer to body size when selecting a cap.

