DX60-Series Hygienic Tanker Valve: Part Number Key



| DX60-Series Hygienic Tanker Valve Part Number Key Example: DX603010A1GV1_ | | Valve Series | V | Valve Body | | | N | Material | | Seal Material | | Valve Cover | | Optior | ons | ^{IS} Valve Body Style Port Configurations |
|---|-------|-----------------|----|------------|--|------------|---|----------|--|------------------|--|----------------|--|--------|---------|---|
| | _ | DX60 | 30 | 10 | | A 1 | | G | | V | | 1 | | | | |
| Series | Code | | | | | | | | | | | | | | | |
| DX60 | DX60 | | | | | | | | | | | | | | | Position 12 |
| Valve Size | Code | | | | | | | | | | | | | | | |
| 3" | 30 | | | | | | | | | | | | | | Positio | on 9 Positi |
| 3" at position 6 / 2" at positions 3, 9, or 12 | 32 | _ | | | | | | | | | | | | | | |
| 3" at position 6 / 2½" at positions 3, 9, or 12 | 35 | | | | | | | | | | | | | | | Position 6 |
| 6" to trailer / 3" at 3, 6, 9, or 12 | 63N | | | | | | | | | | | | | | | |
| 6" to trailer / 6" 90° outlet | 60 | | | | | | | | | | | | | | | |
| Valve Body Style | Code | | | | | | | | | | | | | | | |
| L (2-port shut-off) position 6 | 10 | | | | | | | | | | | | | | | |
| Multiport (3-port shut-off) positions 6 and 3 | 20 | - | | | | | | | | | | | | | | |
| Multiport (3-port shut-off) positions 6 and 9 Multiport (2-port shut off) | 30 | - | | | | | | | | | | | | | | |
| Multiport (3-port shut-off) positions 6 and 12 | 40 | | | | | | | | | | | | | | | |
| Surface Finish | Code | | | | | | | | | | | | | | | |
| 32Ra (I.D. mechanical polish) | Α | | | | | I | | | | | | | | | | |
| Connections | Code | | | | | | | | | | | | | | | |
| Flange (to trailer) x male threaded bevel ¹ | 1 | | | | | | | | | | | | | | | |
| Plain bevel (to trailer) x male threaded bevel | 2 | | | | | | | | | | | | | | | |
| Wetted Parts Material | Code | | | | | | | | | | | | | | | |
| 304 stainless steel | G | | | | | | | | | | | | | | | |
| 316L stainless steel (optional) | R | | | | | | | | | | | | | | | |
| Seat Material | Code |] | | | | | | | | | | | | | | |
| FKM | V | | | | | | | | | | | | | | | |
| Nitrile rubber (optional) | В | | | | | | | | | | | | | | | |
| Valve Cover | Code | | | | | | | | | | | | | | | |
| Aluminum with lanyard style cover nut | 1 | | | | | | | | | | | | | | | |
| No cover | 2 | | | | | | | | | | | | | | | |
| Aluminum with 5/8" UNC threaded post and nut | 3 | - | | | | | | | | | | | | | | |
| Options | Code | - | | | | | | | | | | | | | | |
| None | blank | | | | | | | | | | | | | | | |
| Plunger with freeze rod | R | | | | | | | | | | | | | | | |
| No bevel seat nut or cap | A | | | | | | | | | | | | | | | |

¹When used with valve size code 63, the flange is a triclamp style connection. NOTE: For other sizes and configurations not listed, please contact Dixon Sanitary engineering.



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Dixon[®], founded in 1916, is a premier manufacturer and supplier of hose couplings, valves, dry-disconnects, swivels, and other fluid transfer and control products. The company's global reach includes a wide range of products for numerous industries including petroleum exploration, refining, transportation, chemical processing, food and beverage, steel, fire protection, construction, mining, and manufacturing. Dixon's strategic objective is to create solutions that make products safer, leak-free, longer-lasting, and always available.

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The Right Connection®

DX60-Series Hygienic Tanker Valve

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Customer Service 877.963.4966

3 53-07

APPROVED

FOR

CIP

DSDX60_0924

Safe Design - Robust Construction - Superior Cleanability



Application

• Used on 3A food-grade stainless steel bulk transport trailers to safely and hygienically load and unload various products including milk, juices, chocolate, glycerin, and many types of food-grade oils

Sizes

• 3", 6" x 3", and 6"

Materials

- All product contact metal components: 304 stainless steel
- All non-product contact steel components: 304 stainless steel
- Product contact seals: FKM or nitrile rubber (FDA 21CFR177.2600 & 3A 18-03 Class I)
- Stem bushings: PTFE

Specifications

- Holding pressure: 75 PSI
- Temperature range: -20°F to 212°F (-28.9°C to 100°C), for other ranges contact Dixon Sanitary
- Surface I.D. finish: \leq 32Ra
- Connections
- 3" flange with ANSI B16.5 class 150# flange bolt circle x 3" sanitary male threaded bevel seat
- 6" sanitary triclamp flange x 3" sanitary male threaded bevel seat
- 6" triclamp ferrule x 6" 90° outlet triclamp ferrule
- Other connection types available upon request

Options

- 316L product contact components
- 15Ra, 20Ra, or 25Ra finishes available
- Valve plunger with conical freeze rod
- Aluminum cover

Approval

• 3A – authorization number 1655, 53-07 (compression-type valves) for CIP and COP



Valve Housing

Machined from solid bar with 5mm thick wall to provide reliable performance even in the most demanding applications. Internal geometry designed for optimal cleanability and drainability.

DX60-Series Hygienic Tanker Valve /_\ /**3**\ 1655 53-07 **Bonnet Design** Uses standard sanitary clamp that allows the entire plunger and bonnet assembly to be removed quickly and easily with no tools required. **Hygienic Single Acting** Wiper lip seal provides improved cleanability, durability, and performance over standard O-ring seals in dynamic applications. **Conical Freeze Rod** Conical shaped rod allows flow around the rod as soon as the valve is slightly opened. Can be used for any product that does not flow easily. **Patented Closure System Easy-Lock Plunger** Our unique lock-arm design allows Only valve on the market that has eliminated the plunger to be locked in the the pinch point between the handle and bonnet. open position by pulling the plunger Includes cam arms with hinged locking eye bolt to the open position and rotating to prevent accidental opening. the handle. No need for any external locking devices. closed

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