

### DQC W-SERIES WINGSTYLE INTERCHANGE FEMALE COUPLER



DATE  
: 05/25/2026 02:39 AM

SKU  
: 402

BRAND  
: DIXON VALVE

MODEL  
: 10WBF10-B

#### Applications:

Designed for applications requiring a coupling that can be connected under residual pressure with minimum spillage and air inclusion. Widely used on dump trailer wet-line hydraulic systems and oil field equipment. Not recommended for continuous hydraulic impulse applications.

#### Specifications:

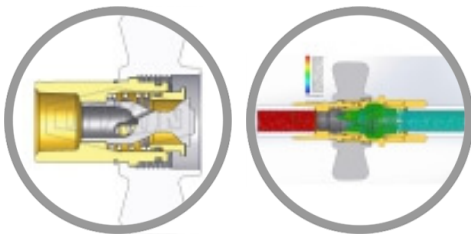
#### Features:

- Full Hex- Ease of Installation
- Compact Body Profile- Reduction of Side-Load Stress
- Hybrid Valve Guide- Improved Flow & Pressure Performance
- Anti-Extrusion Seal-Pack- Superior Longevity
- Bonded Flange Valve- Improved Pressurized Connection Service

#### Construction:

- Machined components are manufactured using solid bar stock
- Stainless steel retaining rings and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Rugged steel wing nut for threaded connect and disconnect operation.
- Nitrile (Buna-N) seals are standard
- Main coupler valve has a bonded face-seal to improve seal integrity during pressurized connection/disconnection.
- Redundant O-Ring on the coupler body will engage nipple for secondary sealing support.
- Couplings have a TPC-EPT back-up ring on the valve sleeve to extend service life.

#### Compatibility & Interchange Data:



\* Referential image

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

**Safety notes:**

Although wingstyle couplings are able to connect and disconnect while under pressure, it is recommended that hydraulic power supply be de-energized during connection to ensure operator safety. If it is not possible to de-energize the circuit, operators must be aware of their surroundings to ensure that an attachment or tool does not put them at risk, once hydraulic power is applied during the connection process.

W-series couplings are not recommended for continuous hydraulic impulse applications at rated pressures.

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**TECHNICAL SPECIFICATIONS**

<b>Body Size</b>	1-1/4"
<b>Burst Pressure</b>	12,000 PSI (828 bar)
<b>Factory Part Number</b>	10WBF10-B
<b>Hex</b>	1-25/32"
<b>Length</b>	3.64" (92.5 mm)
<b>Material</b>	Brass
<b>Maximum OD</b>	5.27" (133.9 mm)
<b>Maximum Operating Pressure</b>	3,000 PSI (207 bar)
<b>Temperature Range</b>	-40°F to +250°F (-40°C to +121°C)
<b>Thread</b>	Female BSPP
<b>Thread Size</b>	1-1/4"-11
<b>Weight Lb</b>	2.7600