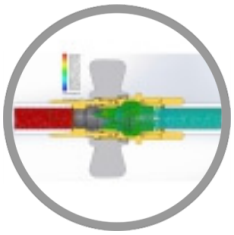
# DQC W-SERIES WINGSTYLE INTERCHANGE FEMALE PLUG





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

DATE
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SKU
: 25623

BRAND
: DIXON VALVE

MODEL
: W6F6-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
Vane Valve Guide- Improved Flow Performance
Compact Body Profile- Reduction of Side-Load Stress
O-Ring 'Full-Connection' Indicator- Improved Connection Efficiency
Swaged Valve Seal- Resistance to Flow Damage

Construction:
Machined components are manufactured using solid steel and brass bar stock.
Stainless steel retaining rings and springs maximize corrosion resistance and extend service life.
Steel componentry is plated using ROHS Compliant Trivalent Chrome.
For steel models, coupler valve sleeve and nipple valve are constructed of brass
Nitrile (Buna-N) seals are standard, providing a temperature range of-40°F to +250°F (-40°C to +121°C).
Couplings have a TPC-ET back-up ring on the valve sleeve to extend service life.
Nipple valve seal is crimped to improve seal integrity and prolong service life.
External O-ring on plug indicates full connection and acts as a contamination shield in connected mode.



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Redundant O-Ring on the coupler body will engage nipple for secondary sealing support.

Compatibility & Interchange Data:
Aeroquip 5100-Series, Parker 6100-Series
Snap-Tite 78-Series, Faster Series-FB, Safeway S51-Series

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

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Body Size** | 3/4" |
| **Burst Pressure** | 13,000 PSI (897 Bar) |
| **Factory Part Number** | W6F6-B |
| **Hex** | 1-5/16" |
| **Length** | 2.85" (72.4 mm) |
| **Material** | Brass |
| **Maximum OD** | 1.75" (44.5 mm) |
| **Maximum Operating Pressure** | 3,000 PSI (207 Bar) |
| **Temperature Range** | -40°F to +250°F (-40°C to +121°C) |
| **Thread** | Female NPTF |
| **Thread Size** | 3/4"-14 |
| **Weight Lb** | 0.7500 |



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