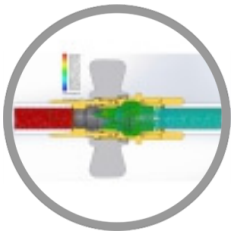
DQC W-SERIES WINGSTYLE INTERCHANGE FEMALE PLUG





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

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SKU
: 25611

BRAND
: DIXON VALVE

MODEL
: W12F12-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} Bonded seal

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.
Has bonded plug valve.
External O-ring on plug indicates full connection and acts as a contamination

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shield in connected mode.
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	1-1/2"
Burst Pressure	10,000 PSI (690 Bar)
Factory Part Number	W12F12-B
Hex	2-1/4"
Length	3.74" (95 mm)
Material	Brass
Maximum OD	2.73" (69.3 mm)
Maximum Operating Pressure	2,500 PSI (172 bar)
Temperature Range	-40°F to +250°F (-40°C to +121°C)
Thread	Female NPTF
Thread Size	1-1/2" - 11-1/2
Weight Lb	2.2600

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