EVERIS® BLQ2
SERIES CONNECTOR



Everis® BLQ2 Series quick disconnect couplings provide ultra-reliable, dripless connections and disconnections that protect valuable electronics. Designed specifically for rack mounted liquid cooling applications, the Everis BLQ2 utilizes patented technology that eliminates drips and is able to withstand long-term connection.

SPECIFICATIONS

PRESSURE:
Vacuum to 200 psi, 13.8 bar

TEMPERATURE:
Operating: 0°F to 240°F (-17°C to 115°C)
Storage/Shipping*:
-40°F to 240°F (-40°C to 115°C)

MAXIMUM FLOW AT DISCONNECT:
1.00 gal/min at 0 - 100 psi
.025 gal/min at 101 - 200 psi

MATERIALS:
Main Components: Plated brass
Valves: Polysulfone
Valve Springs (wetted): Stainless steel
Seals: EPDM
Compliance: RoHS, REACH

COLOR: Metallic

THREAD SIZES: 1/4" SAE-4

LUBRICANTS: Krytox® PFPE

SPILLAGE:
<0.015 cc per disconnect at 0 psi;
<0.063 cc per disconnect at 200 psi

AIR INCLUSION: <0.04 cc per connect

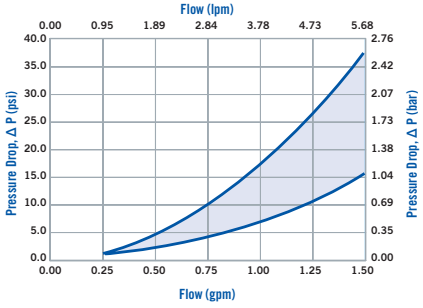
FLOW COEFFICIENT: Cv ~ 0.4 (0.3 Kv)

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC™ products in their own application conditions.

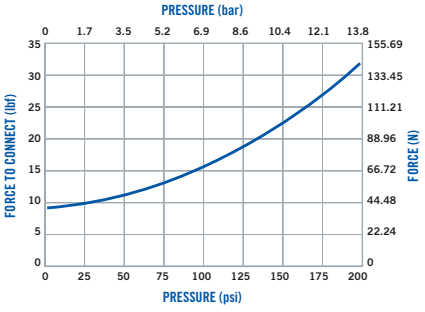
*The specified shipping and storage temperature range is specific to the CPC product and does not apply to external packaging or shipping materials.

FEATURES	BENEFITS
Non-spill valve	Disconnect under pressure with no spills
Redundant multi-lobed seals	Extra protection from leak-causing contaminants and debris
Innovative valve design	Enables extended periods in connected state
Ruggedness	Able to withstand long-term, repeated use
Axial engagement tolerance	Allows full flow even when not fully engaged
Single-piece options for body & insert	Space saving

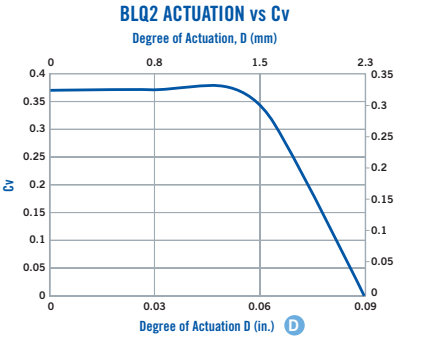
BLQ2 WATER FLOW



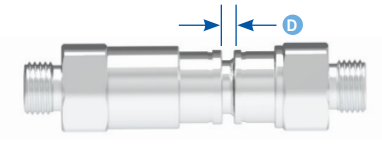
BLQ2 FORCE TO CONNECT



BLQ2 ACTUATION vs Cv



ACTUATION LENGTH



These graphs are intended to give you a general idea of the performance capabilities of each product line. Contact CPC for flow of a particular coupling combination.

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EVERIS® BLQ2 SERIES DIMENSIONS

COUPLING BODIES - Plated brass



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	HEX	A	B	C
IN-LINE STRAIGHT THREAD SAE	1/4 SAE-4: 7/16-20[1,2]	N/A	BLQ2D3004	9/16"	0.62 (15.7)	1.31 (33.3)	0.95 (24.1)

COUPLING INSERTS - Plated brass



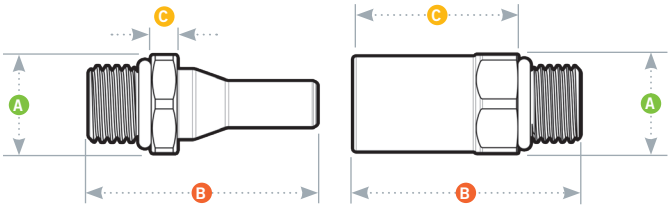
TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	HEX	A	B	C
IN-LINE STRAIGHT THREAD SAE	1/4 SAE-4: 7/16-20[1,2]	N/A	BLQ2D4604	9/16"	0.62 (15.7)	1.32 (33.3)	0.15 (3.8)

All measurements are in inches (millimeters) unless otherwise noted.
[1]All SAE terminations are compatible with SAE J1926-1 ports
[2]One-piece design

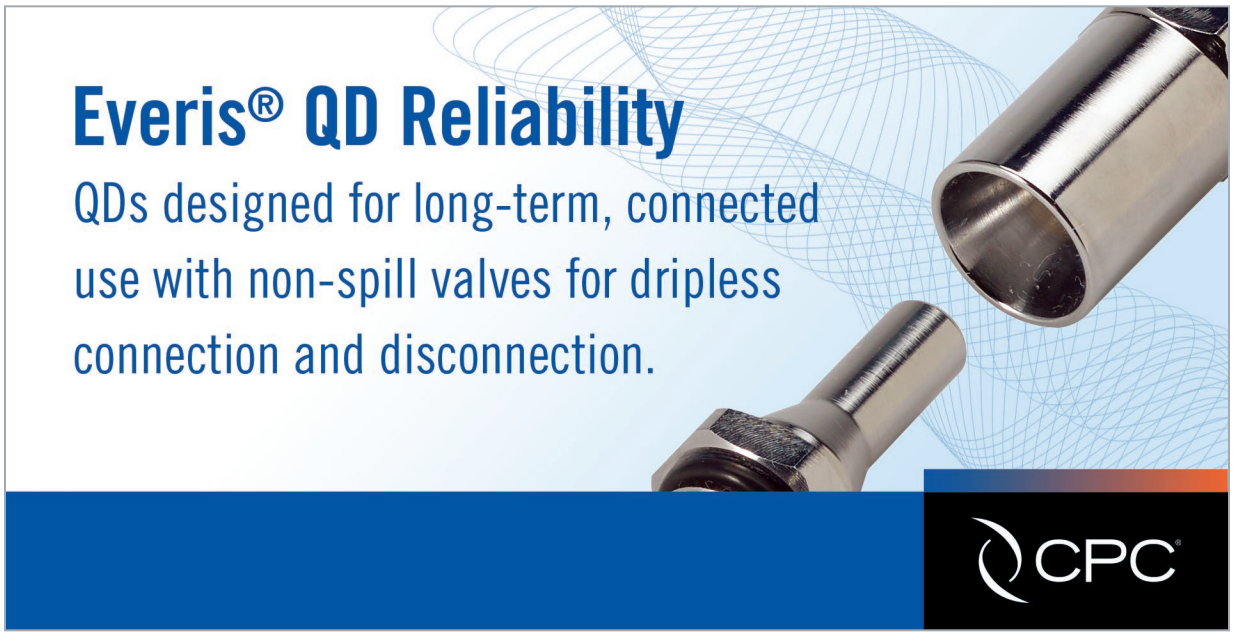
SCAN

cpcworldwide.com/Everis-BLQ2

PRODUCT DIMENSIONS



A = Height/Diameter B = Total Length C = Connected Length



WARRANTY: All sales are subject to the Colder Products Company® limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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