

EVERIS™ BLQ4 SERIES CONNECTOR



Everis™ BLQ4 Series quick disconnect couplings

provide ultra-reliable, dripless connections and disconnections that protect valuable electronics. Designed specifically for rack mounted liquid cooling applications, Everis BLQ4 utilizes patent-pending valve technology that eliminates drips and is designed for long-term connected use.

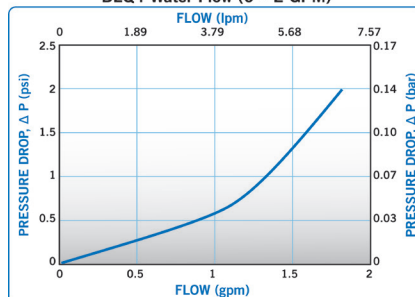
FEATURES

- Non-spill design
- Redundant seals
- Friction-free valve
- Rugged construction
- Axial engagement tolerance
- Single-piece options for body & insert

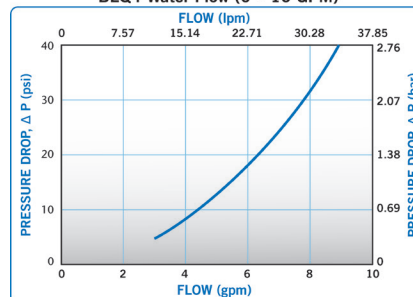
BENEFITS

- Disconnect under pressure with no drips
- Extra protection from leaks
- Enables extended periods in connected state
- Able to withstand long-term, repeated use
- Allows full flow even when not fully engaged
- Space saving

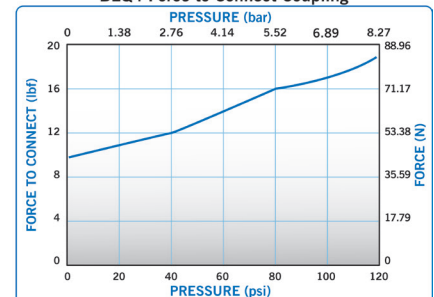
BLQ4 Water Flow (0 – 2 GPM)



BLQ4 Water Flow (0 – 10 GPM)



BLQ4 Force to Connect Coupling



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.

Specifications

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

0°F to 240°F (-17°C to 115°C)

MAXIMUM FLOW AT DISCONNECT:

3.0 gal/min, 11.3L/min

ENGAGEMENT TOLERANCE:

Coupling must be within 1/8" (3mm) of fully engaged to achieve maximum flow.

MATERIALS:

Main Housing Components:

Nickel chrome-plated brass

Valves: Polysulfone

Valve Springs (wetted): Stainless steel

Seals: EPDM

THREAD SIZES:

Insert: G 1/4, G 3/8, SAE-4, SAE-6

Body: G 1/4, G 3/8, SAE-4, SAE-6, SAE-8

LUBRICANTS:

Krytox® PFPE

SPILLAGE:

<0.025 cc per disconnect at 0 psi;

<0.055 cc per disconnect at 120 psi

INCLUSION:

<0.025 cc per connect

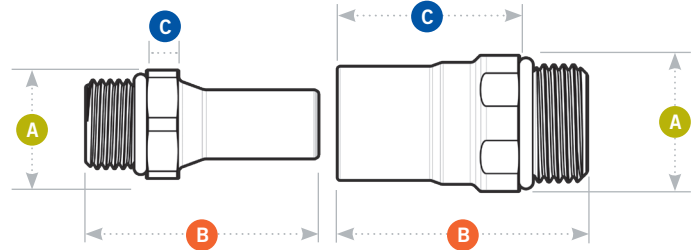
WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

Visit us at cpcworldwide.com or call 800-444-2474 to get a free catalog or to find your local distributor.

EVERIS™ BLQ4 SERIES CONNECTOR

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters.

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



Coupling Bodies • CHROME-PLATED BRASS



TERMINATION
IN-LINE STRAIGHT
THREAD PORT SAE

TUBING/THREAD SIZE

1/4 SAE-4: 7/16-20¹
 3/8 SAE-6: 9/16-18¹
 1/2 SAE-8: 3/4-16^{1,3}
 G 1/4 (BSPP)²
 G 3/8 (BSPP)²

METRIC EQ

SHUTOFF

BLQ4D30004
 BLQ4D30006
 BLQ4D30008
 BLQ4D31004
 BLQ4D31006

A

0.93 (23.6mm)
 0.93 (23.6mm)
 0.90 (22.9mm)
 0.93 (23.6mm)
 0.93 (23.6mm)

B

2.05 (52.1mm)
 2.05 (52.1mm)
 1.60 (40.6mm)
 2.11 (53.6mm)
 2.11 (53.6mm)

C

1.64 (41.7mm)
 1.64 (41.7mm)
 1.16 (29.5mm)
 1.70 (43.2mm)
 1.70 (43.2mm)

Coupling Inserts • CHROME-PLATED BRASS



TERMINATION
IN-LINE STRAIGHT
THREAD PORT SAE

TUBING/THREAD SIZE

1/4 SAE-4: 7/16-20¹
 3/8 SAE-6: 9/16-18^{1,3}
 G 1/4 (BSPP)²
 G 3/8 (BSPP)^{2,3}

METRIC EQ

SHUTOFF

BLQ4D46004
 BLQ4D46006
 BLQ4D47004
 BLQ4D47006

A

0.93 (23.6mm)
 0.75 (19.1mm)
 0.93 (23.6mm)
 0.93 (23.6mm)

B

1.99 (50.5mm)
 1.49 (37.8mm)
 2.05 (52.1mm)
 1.49 (37.8mm)

C

0.69 (17.5mm)
 0.19 (4.8mm)
 0.75 (19.1mm)
 0.19 (4.8mm)

Note:

¹All SAE terminations are compatible with SAE J1926-1 ports.

²All G (BSPP) terminations are compatible with ISO 1179-1 ports.

³One-piece design.



CPC 西北地区签约经销商: 西安嘉岳自动化技术有限公司 Garye Automation Company

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We inspire confidence at every point of connection.

Confidence at every point of connection.

cpcworldwide.com/ContactUs

WARRANTY: All sales are subject to Colder Products Company's 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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