

BLQ2 SERIES CONNECTOR



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 BLQ2 utilizes patent-pending valve technology that eliminates drips and is able to withstand long-term connection.

FEATURES

Non-spill design
Redundant sealing when connected
Friction-free valve
Ruggedness
Axial engagement tolerance

BENEFITS

Disconnect under pressure with no spills
Extra protection from leaks
Valving system designed for extended periods in connected state
Able to withstand long-term, repeated use
Valves designed to allow full flow even when not fully engaged

Specifications

PRESSURE:

Vacuum to 200 psi, 13.8 bar

TEMPERATURE:

0°F to 240°F (-17°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 Housing Components:

Chrome-plated brass

Valves: Polysulfone

Valve Springs (wetted): Stainless steel

Seals: EPDM

COLOR:

Chrome

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

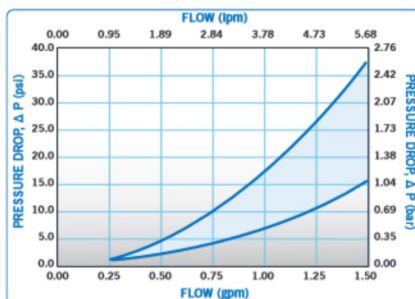
INCLUSION:

<0.063 cc per connect

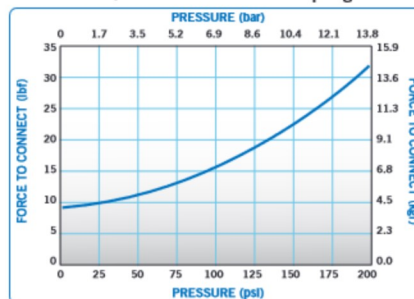
WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

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

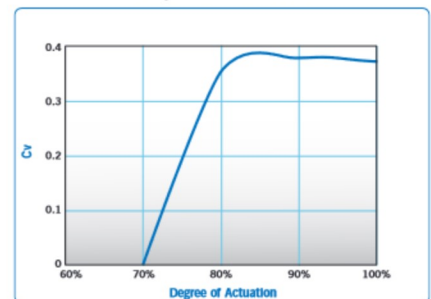
BLQ2 Water Flow



BLQ2 Force to Connect Coupling



BLQ2 Actuation vs Cv

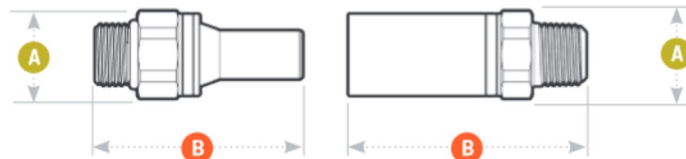


Visit us at cpcworldwide.com or call 800-444-2747 to get a free catalog or to find your local distributor.

BLQ2 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



Coupling Bodies • CHROME-PLATED BRASS



TERMINATION
IN-LINE STRAIGHT
THREAD PORT SAE

TUBING/THREAD SIZE
¼ SAE-4

METRIC EQ.
SAE 4

SHUTOFF
BLQ2D3004

A
0.62

B
1.310

Coupling Inserts • CHROME-PLATED BRASS



TERMINATION
IN-LINE STRAIGHT
THREAD PORT SAE

TUBING/THREAD SIZE
¼ SAE-4

METRIC EQ.
SAE 4

SHUTOFF
BLQ2D4604

A
0.620

B
1.320



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Smart fluid handling to take you forward, faster.

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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