

Interactive 3D graphic, click to activate and rotate.

## **PRODUCT SERIES SPECIFICATIONS**

Series: BLQ Category: Liquid Cooling Pressure: Vacuum to 200 psi, 13.8 bar Temperature: 0°F to 240°F (-17°C to 115°F) Spillage & Air Inclusion:<br> ≤0.015 cc per disconnect at 0 psi and<br> ≤0.063 cc per disconnect rated at 200 psi <br> ≤0.063 cc per connect Material Compliance Reach: Compliance RoHS: Compliance

For more information see cpcworldwide.com or contact us at cpcworldwide.com/ContactUs

**The BLQ2 Series and the RPLQ4 quick disconnect couplings** provide ultra-reliable, dripless connections and disconnections that protect valuable electronics. Designed specifically for rack mounted liquid cooling applications, RPLQ4 utilizes patent-pending valve technology that eliminates drips and is able to withstand long-term use.provide ultra -reliable dripless connections and disconnections that protect valuable electronics. Designed specifically for rack-mounted liquid cooling applications, the BLQ2 Series and the RPLQ4 use patent pending valve technology that eliminates drips and is able to withstand long-term connection.

## **Features - Benefits**

Non-spill design - Disconnect under pressure

Redundant sealing with connected - Extra protection from contaminents and debris Friction-free valve - Valving system designed for extended periods in the connected state Ruggedness - Able to withstand long-term use, repeated use Axial engagement tolerance - Valves designed to allow full flow even when not fully engaged

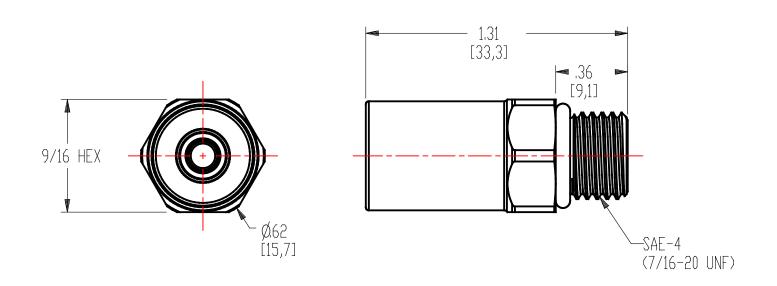
**BLQ2** Force to Connect Coupling **BLQ2 Water Flow BLQ2** Actuation vs Cv 3.78 0.00 0.95 1.89 2.84 4.73 5.68 35 1.7 5.2 8.6 10.4 12.1 13.8 0 6.9 40. 35 15 9 2.42 35.0 2.42 PRESSURE 2.07 I.73 PRESSURE 30 13.6 DROP, A P (psi) (lpl) FORCE 30.0 0.3 25 11.3 TO CONNECT 25.0 TO CONNECT 20 9.1 1.38 o.2 20.0 15 6.8 PRESSURE 15.0 1.04 FORCE 4.5 10 (kgf) 10.0 0.69 (bar 0.1 23 5.0 0.35 0.0 0.00 0 🛏 60% 0.0 100% 70% 80% 90% 0.25 0.75 1.00 1.25 175 1.50 25 50 75 100 125 150 200 Degree of Actuation FLOW (gpm) PRESSURE (nsi)

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.





## **Technical details:**



Description: 1/4" Rack and Panel SAE-04 Valved In-Line Liqud Cooling Coupling Body

## Materials:

Main Components: Chrome plated Brass Valve: Polysulfone Valve Spring: Stainless Steel Seals: EPDM Others: Polyethylene cap

Standard Packaging Quantity: 10

CPC - Colder Products Company • 4200 W. Round Lake Road, Arden Hills, MN 55112 • PHONE +1 651-645-0091 • FAX +1 651-645-5404