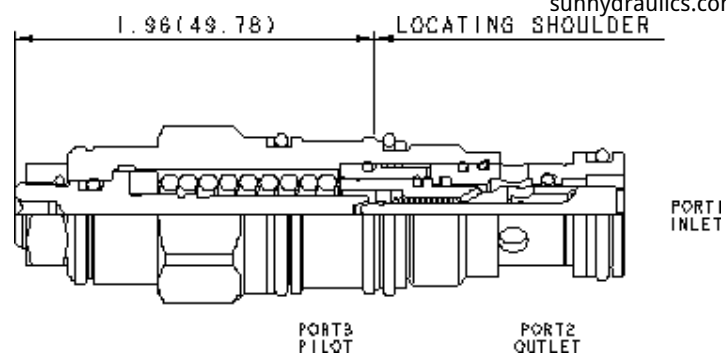


3-Port Non-vented



sunhydraulics.com/model/CBAA

## CONFIGURATION

| L      | Control                  | Standard Screw Adjustment                                                                         |
|--------|--------------------------|---------------------------------------------------------------------------------------------------|
| I      | Functional Setting Range | 400 - 1500 psi w/25 psi Check (28 - 105 bar w/ 1,7 bar Check), 1000 psi (70 bar) Standard Setting |
| N      | Seal Material            | Buna-N                                                                                            |
| (none) | Material/Coating         |                                                                                                   |

Counterbalance valves with pilot assist are meant to control an overrunning load. The check valve allows free flow from the directional valve (port 2) to the load (port 1) while a direct-acting, pilot-assisted relief valve controls flow from port 1 to port 2. Pilot assist at port 3 lowers the effective setting of the relief valve at a rate determined by the pilot ratio.

Other names for this valve include motion control valve and over-center valve.

## TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Pilot Ratio                                             | 3:1                     |
| Maximum Recommended Load Pressure at Maximum Setting    | 215 bar                 |
| Maximum Setting                                         | 280 bar                 |
| Factory Pressure Settings Established at                | 30 cc/min.              |
| Maximum Valve Leakage at Reseat                         | 0,3 cc/min.             |
| Adjustment - No. of CCW Turns from Min. to Max. Setting | 3.75                    |
| Reseat                                                  | >85% of setting         |
| Locknut Hex Size                                        | 15 mm                   |
| Locknut Torque                                          | 9 - 10 Nm               |
| Seal kit - Cartridge                                    | Buna: 990011007         |
| Seal kit - Cartridge                                    | Polyurethane: 990011002 |
| Seal kit - Cartridge                                    | Viton: 990011006        |

## CONFIGURATION OPTIONS

Model Code Example: CBAAArray

| CONTROL                          | (L) FUNCTIONAL SETTING RANGE (I)                                                                     | SEAL MATERIAL | (N) MATERIAL/COATING            |
|----------------------------------|------------------------------------------------------------------------------------------------------|---------------|---------------------------------|
| L Standard Screw Adjustment      | I 400 - 1500 psi w/25 psi Check (28 - 105 bar w/ 1,7 bar Check), 1000 psi (70 bar) Standard Setting  | N Buna-N      | Standard Material/Coating       |
| C Tamper Resistant - Factory Set | A 1000 - 4000 psi w/4 psi Check (70 - 280 bar w/ 0,3 bar Check), 3000 psi (210 bar) Standard Setting | V Viton       | /AP Stainless Steel, Passivated |
| R Lockwired Screw Adjustment     | B 400 - 1500 psi w/4 psi Check (28 - 105 bar w/ 0,3 bar Check), 1000 psi (70 bar) Standard Setting   |               | /LH Mild Steel, Zinc-Nickel     |
|                                  | H 1000 - 4000 psi w/25 psi Check (70 - 280 bar w/ 1,7 bar Check),                                    |               |                                 |

3000 psi (210 bar) Standard  
Setting

# МАГАЗИН ГИДРАВЛИКИ

## RM316.RU



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ТОВАРА

Мы предлагаем широкий ассортимент продукции от ведущих производителей гидравлических комплектующих из Европы, США, Турции и Китая.

Наш центральный склад находится в Санкт-Петербурге, отправка товара по России осуществляется транспортными компаниями.

# ПОСТАВЛЯЕМ ПРОДУКЦИЮ БРЕНДОВ

AKG

---

ATOS

---

BADESTNOST

---

BINI

---

DUPLOMATIC

---

EMMEGI

---

EUROFLUID

---

FLUID-PRESS

---

REXROTH

---

FASTER

---

FOX

---

GALTECH

---

GEMELS

---

HBS

---

HAWE HYDRAULIK

---

HV HYDRAULIC

---

HYDRAFORCE

---

KAWASAKI

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KETA HYDRAULICS

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MARZOCCHI POMPE

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NEM

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MP FILTRI

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OLEOWEB

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OMT

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SUN HYDRAULICS

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SJ TECHNOLOGY

---

SUNFAB

---

TECNORD

---

WANDFLUH

---

WALVOIL

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WIKA

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WINNER HYDRAULICS

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