

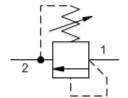


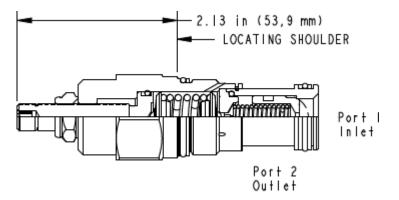
Direct-acting relief valve - pilot capacity

CAPACITY: .5 gpm / CAVITY: T-3A



sunhydraulics.com/model/RBAA





Direct-acting, pilot relief cartridges are used to remotely control the pressure setting of other pilot-operated valves. Because capacity is limited to pilot flow, these valves should be used with other higher flow valves.

## **TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Response Time - Typical	2 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-203-007
Seal kit - Cartridge	EPDM: 990-203-014
Seal kit - Cartridge	Polyurethane: 990-003-002
Seal kit - Cartridge	Viton: 990-203-006

NOTES: • For Series 2 cartridges configured with an O control (panel mount handknob), a 1.00 in. (25,4 mm) diameter hole is required in the panel.

## **CONFIGURATION OPTIONS**

CONTROL

## Standard Screw Adjustment

- Tamper Resistant Factory Set
- Κ Handknob
- Tri-Grip Handknob

## Model Code Example: RBAALAN

(L) ADJUSTMENT RANGE

(A)

SEAL MATERIAL

MATERIAL/COATING

(N)

25 - 3000 psi (1,7 - 210 bar), 1000 psi (70 bar) Standard Setting

- 25 1500 psi (1,7 105 bar), 1000 psi (70 bar) Standard Setting
- 25 800 psi (1,7 55 bar), 400 psi (28 bar) Standard Setting
- E 25 400 psi (1,7 28 bar), 200 psi (14 bar) Standard Setting

N Buna-N EPDM Viton

Standard Material/Coating /AP Stainless Steel, Passivated Mild Steel, Zinc-Nickel /LH

©2024 Sun Hydraulics 1 of 1