

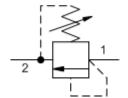


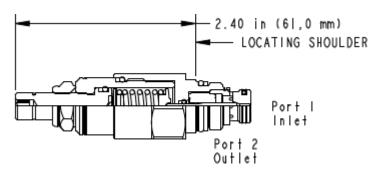
Direct-acting relief valve - pilot capacity

CAPACITY: 2.5 gpm / CAVITY: T-8A



sunhydraulics.com/model/RBAE





Two-port, pilot-stage, direct-acting relief cartridges are fully adjustable, normally closed pressure regulating valves. When the pressure at port 1 (inlet) is sufficient to overcome the spring force (valve setting), a flow path is opened from port 1 to port 2 (tank).

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

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	2 in³/min.
Maximum Valve Leakage at 110 SUS (24 cSt)	15 drops/min.
Response Time - Typical	2 ms
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-608-007
Seal kit - Cartridge	EPDM: 990-608-014
Seal kit - Cartridge	Polyurethane: 990-008-002
Seal kit - Cartridge	Viton: 990-608-006

NOTES: • For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

CONTROL

L Standard Screw Adjustment

- C Tamper Resistant Factory Set
- K Handknob
- Y Tri-Grip Handknob

Model Code Example: RBAELAN

ADJUSTMENT RANGE

(L)

(A)

SEAL MATERIAL

MATERIAL/COATING

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

- **B** 25 1500 psi (1,7 105 bar), 1000 psi (70 bar) Standard Setting
- **D** 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-NE EPDMV Viton

Standard Material/Coating

/AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

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