



Two-port, pilot-stage, air-controlled, direct-acting relief cartridges are normally closed pressure regulating valves. When the pressure at port 1 (inlet) is sufficient to overcome the force due to the air signal, a flow path is opened from port 1 to port 2 (tank). These cartridges are designed for pilot flow applications and utilize Sun's T-8A cavity so they can be used in conjunction with Sun's pilot-operated, main-stage valves.

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

Maximum Operating Pressure	5000 psi
Maximum Pilot Pressure	150 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	15 drops/min.
Pilot Control Port	See Control Options
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

**CONFIGURATION OPTIONS**

**Model Code Example: RBARBWN**

**CONTROL**

**(B) AIR PILOT RATIO**

**(W) SEAL MATERIAL**

**(N)**

- B** External 4-SAE Port
- A** External 1/8 NPTF Port
- D** External 1/8 BSPP Port

- W** 50:1
- Y** 75:1

- N** Buna-N
- E** EPDM
- V** Viton