



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 Valve Leakage at 110 SUS (24 cSt)	15 drops/min.
Maximum Pilot Pressure	150 psi
Pilot Control Port	See Control Options
Seal kit - Cartridge	Buna: 990608007
Seal kit - Cartridge	EPDM: 990608014
Seal kit - Cartridge	Polyurethane: 990008002
Seal kit - Cartridge	Viton: 990608006

## CONFIGURATION OPTIONS

### Model Code Example: RBARBWN

CONTROL	(B) AIR PILOT RATIO	(W) SEAL MATERIAL	(N)
<b>B</b> External 4-SAE Port	<b>W</b> 50:1	<b>N</b> Buna-N	
<b>A</b> External 1/8 NPTF Port	<b>Y</b> 75:1	<b>E</b> EPDM	
<b>D</b> External 1/8 BSPP Port		<b>V</b> Viton	