



Air-controlled, 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 valves with compatible pilot flows. They use compressed air over a diaphragm instead of an adjustable spring to control pressure setting, the air signal is supplied through a port in the hex-end of the cartridge.

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

Maximum Operating Pressure	2000 psi
Pilot Ratio	20:1
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Response Time - Typical	2 ms
Seal kit - Cartridge	Buna: 990-203-007
Seal kit - Cartridge	Viton: 990-203-006

CONFIGURATION OPTIONS

Model Code Example: **RBABABNV**

CONTROL

(A) OPERATING RANGE

(B) SEAL MATERIAL

(N)

A External 1/4 NPTF Port

B 50 - 1500 psi (3,5 - 105 bar)

N Buna-N

V Viton