



Air-controlled, pilot-operated, balanced piston sequence valves use compressed air over a diaphragm instead of an adjustable spring to control the pressure setting of the valve. The air signal is supplied through a port in the hex-end of the cartridge. They will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3). These valves are insensitive to back pressure at port 2 (sequence), up to the valve setting. They may be used to regulate pressure in place of 2-port relief valves if there is pressure in the return line.

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

Maximum Operating Pressure	2000 psi
Pilot Ratio	20:1
Factory Pressure Settings Established at	4 gpm
Maximum Air Pressure	150 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	4 in <sup>3</sup> /min.
Response Time - Typical	10 ms
Seal kit - Cartridge	Buna: 990-017-007
Seal kit - Cartridge	Polyurethane: 990-017-002
Seal kit - Cartridge	Viton: 990-017-006

**CONFIGURATION OPTIONS**

**Model Code Example: RSHEBBN**

CONTROL

(B) ADJUSTMENT RANGE

(B) SEAL MATERIAL

(N)

**B** External 4-SAE Port

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

**N** Buna-N

**V** Viton