



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.

Pilot Ratio	20:1
Factory Pressure Settings Established at	15 L/min.
Maximum Operating Pressure	140 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	65 cc/min.
Maximum Air Pressure	10,5 bar
Response Time - Typical	10 ms
Seal kit - Cartridge	Buna: 990017007
Seal kit - Cartridge	Polyurethane: 990017002
Seal kit - Cartridge	Viton: 990017006

**CONFIGURATION OPTIONS**

**Model Code Example: RSHEBBN**

CONTROL	(B) ADJUSTMENT RANGE	(B) SEAL MATERIAL	(N)
<b>B</b> External 4-SAE Port	<b>B</b> 50 - 1500 psi (3,5 - 105 bar)	<b>N</b> Buna-N V Viton	