



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                 |
| Response Time - Typical                   | 10 ms                   |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 80 cc/min.              |
| Maximum Air Pressure                      | 10,5 bar                |
| Seal kit - Cartridge                      | Buna: 990019007         |
| Seal kit - Cartridge                      | Polyurethane: 990019002 |
| Seal kit - Cartridge                      | Viton: 990019006        |

**CONFIGURATION OPTIONS**

**Model Code Example: RSJEBBN**

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