

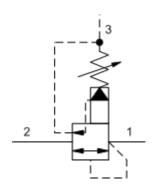
MODEL SQBB

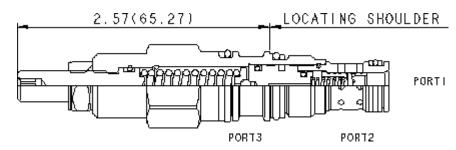
Kick-down, pilot-operated, balanced piston sequence valve

CAPACITY: 7.5 gpm / CAVITY: T-163A



sunhydraulics.com/model/SQBB





Kick-down sequence valves will kick completely open and remain open once the pressure at the inlet (port 1) exceeds the valve setting, creating an unrestricted flow path from port 1 to port 2 (sequence). The pressure setting at port 1 is relative to the drain (port 3). The valve remains open as long as the pressure at port 1 exceeds the pressure at port 2. To reset the valve, pressure at port 1 must fall below the setting of the valve, flow from port 1 to port 2 must cease, and pressure at port 2 must be equal to or greater than the pressure at port 1.

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

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	Kick down point
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in³/min.
Response Time - Typical	25 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-163-007
Seal kit - Cartridge	Polyurethane: 990-163-002
Seal kit - Cartridge	Viton: 990-163-006

(A)

## **CONFIGURATION OPTIONS**

Model Code Example: SQBBLAN

CONTROL (L) ADJUSTMENT RANGE

SEAL MATERIAL

(N)

## Standard Screw Adjustment

- Tamper Resistant Factory Set
- **K** Handknob

## 75 - 3000 psi (5 - 210 bar), 1000 psi (70 bar) Standard Setting

- B 75 1500 psi (5 105 bar), 1000 psi (70 bar) Standard Setting
- C 75 6000 psi (5 420 bar), 1000 psi (70 bar) Standard Setting
- **N** 75 800 psi (5 55 bar), 400 psi (28 bar) Standard Setting
- **Q** 75 400 psi (5 28 bar), 200 psi (14 bar) Standard Setting
- W 75 4500 psi (5 315 bar), 1000 psi (70 bar) Standard Setting

N Buna-NV Viton

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