



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.

| | |
|--|-------------------------|
| Factory Pressure Settings Established at | Kick down point |
| Maximum Operating Pressure | 350 bar |
| Response Time - Typical | 25 ms |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 50 cc/min. |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5 |
| Locknut Hex Size | 15 mm |
| Locknut Torque | 9 - 10 Nm |
| Seal kit - Cartridge | Buna: 990202007 |
| Seal kit - Cartridge | Polyurethane: 990002002 |
| Seal kit - Cartridge | Viton: 990202006 |

NOTES For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS
Model Code Example: SQFBLAN

| CONTROL | (L) ADJUSTMENT RANGE | (A) SEAL MATERIAL | (N) MATERIAL/COATING |
|---|--|-------------------|---------------------------------|
| L Standard Screw Adjustment | A 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting | N Buna-N | Standard Material/Coating |
| C Tamper Resistant - Factory Set | B 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting | V Viton | IAP Stainless Steel, Passivated |
| K Handknob | C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting | | |
| O Handknob with Panel Mount | D 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting | | |
| | E 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting | | |
| | W 150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting | | |