Balanced Piston Type Relief & Sequence Valves

(F3)C*-**-*(V)(Y)-50

<table>
<thead>
<tr>
<th>Model</th>
<th>Cover</th>
<th>Spring (Outer)</th>
<th>Spring (Inner)</th>
<th>Spring Pressure Range PSI</th>
<th>Included in Cover S/A</th>
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Assembly seat with cross hole facing up as shown.

- **850427 Seat**
- **315932 Plug**
  Torque to 200-240 lb.-in. (22.6-27.1 N.m)
- **263496 “O” Ring**
- **262361 “O” Ring**
- **Spring (Inner)**
  (See table)
- **Spring (Outer)**
  (See table)
- **343740 Plug**
  Torque to 130-160 lb.-in. (14.7-18 N.m)
- **263494 “O” Ring**
- **343153 Seat**
- **343154 Piston**
- **580246 Knob**
- **283948 Plunger**
- **262332 “O” Ring**
- **64520 Washer (As req’d)**
- **326317 Shim**
  (As req’d to obtain proper adjustment range)
- **1485 Nut**
- **283949 Lock Screw**
- **1031 Screw (4 req’d)**
  Torque to 11-15 lb.-ft. (14.9-20.3 N.m)
- **AX-36212 Drive Screw**
  (4 req’d)
- **Included in F3 Seal Kit 919922**
Model Code Breakdown

(F3) C * - ** - * - (V) (Y) - 50

1  2  3  4  5  6  7  8

1 Seals
F3 - Multi-fluid capability (Viton® seals)

Viton is a registered trademark of E.I. DuPont

2 Model Series
C - Relief valve

3 Thread Type
S - SAE straight
T - NPTF pipe

4 Size
03 - 3/8 inch
06 - 3/4 inch

5 Pressure Range
B - 125-1000
C - 500-2000
F - 1500-3000

6 Vent Pressure
V - High vent pressure
(Omit for standard vent pressure.)

7 External Drain Feature
Y - Sequence valve
(Omit for standard relief.)

8 Design

For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 18/15 or cleaner. Selections from Eaton OFP, OFR and OFRS filter series are recommended.