



TYPE F32 PILOT

TYPE F SERIES PILOTS BACK PRESSURE PILOTS

CONTROLS 2 to 600 PSIG

- Self Contained
- Spring Operated
- Normally Closed
- ANSI/FCI 70-2 Class IV Shutoff
- Packless Construction
- Four Adjustable Spring Ranges
- Operates on remote/local pressure source
- Not Affected by Static Head
- Accurate Regulation Unaffected by Service Conditions

MODELS

- **TYPE F13** for ± 1 psi control of back pressure between 100 and 300 psi.
- **TYPE F14** for ± 2 psi control of back pressure between 3 and 150 and 300 psi.
- **TYPE F15** for $\pm 1/2$ psi control of back pressure between 2 and 25 psi.
- **TYPE F32** for ± 10 psi control of back pressure between 200 and 600 psi.

OPTIONS

- Adjustment Indicator
- Integral Mount

TYPICAL CONFIGURATIONS

- BACK PRESSURE CONTROLTYPE EF**
- BACK PRESSURE CONTROLTYPE EF14D**
- BACK PRESSURE CONTROLTYPE E2F**
- BACK PRESSURE CONTROLTYPE E5F**

APPLICATION DATA

- Steam Backpressure Control
- Steam Backpressure Control with long control pipes
- Backpressure controlled by change in pressure of secondary fluid
- Backpressure control where a water leg on the pilot diaphragm cannot be avoided*

RATINGS (Maximum Inlet Conditions)

Construction	Pressure PSIG (bar)	Temperature °F (°C)
Cast Iron	250 (17.2) @	450 (232)
Cast Steel	600 (41.4) @	750 (400)

SPRING PRESSURE RANGES (PSIG)

TYPE F13	TYPE F14	TYPE F15	TYPE F32
100-300	3-30	2-10	200-450
	20-100	5-25	400-600
	40-150		

Canadian Registration # OC 0591.9C

TYPE F SERIES PILOTS

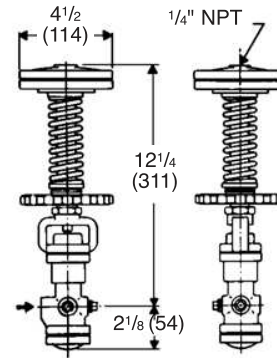
BACK PRESSURE PILOTS

SPECIFICATION

Pilot shall be separate from the main valve and connected to it with a male union. The pilot shall be normally closed design with packless construction. A strainer screen shall be built into the pilot inlet. The pilot shall be interchangeable on all sizes of main valves.

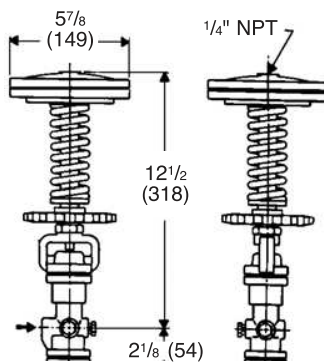
MATERIALS OF CONSTRUCTION

Body, Cast IronASTM A126 CI B
 Body, Cast SteelASTM A216 GR. WCB
 Stem2024-T4 ASTM B211-75
 Disc440 St. St. ASTM A276-75 COND A
 Seat420 St. St. ASTM A276 COND A
 GasketNon-Asbestos
 Diaphragm301 St. St. MIL-5-5059C
 SpringSteel ASTM A231

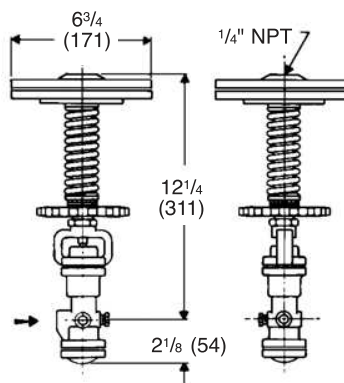


TYPE F13 PILOT
12 LBS. (5.5 KG)

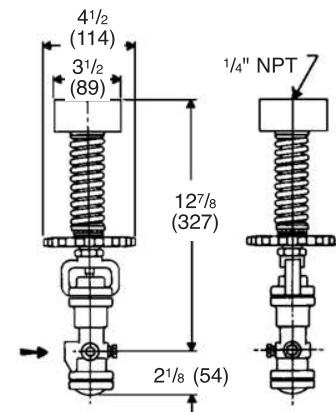
TYPE F BACK
 PRESSURE PILOT



TYPE F14 PILOT
14 LBS. (6.4 KG)



TYPE F15 PILOT
15 LBS. (6.8 KG)



TYPE F32 PILOT
12 LBS. (5.5 KG)