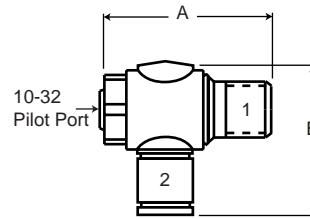
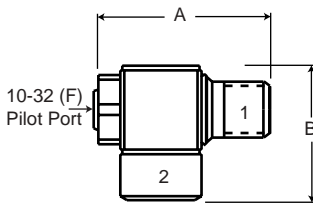


## Features

- Use in applications requiring control of media in one direction
- Provides a “release” from the “checking” function
- Apply signal to the 10-32 (F) port to allow media flow in both directions
- Output Porting: four sizes of female NPTF thread, or three sizes of push-to-connect style fittings

The Polyconn check valve body is manufactured from brass and zinc plated for corrosion protection. The swivel output is black anodized aluminum; seals are nitrile rubber. The free flow is from port 2 to 1, the checking function is from 1 to 2. Reverse flow (check) is prevented until a signal at the control port is applied. Only then will the check function be overridden and reverse flow permitted.

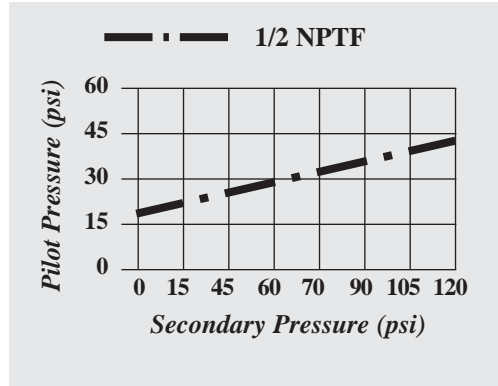
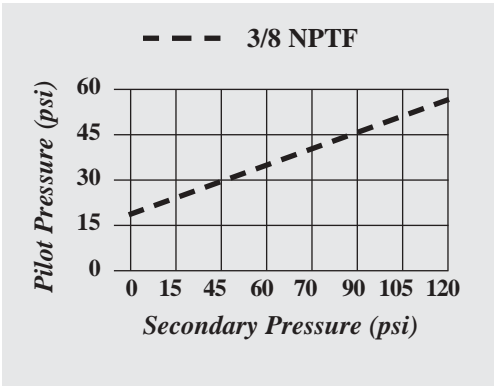
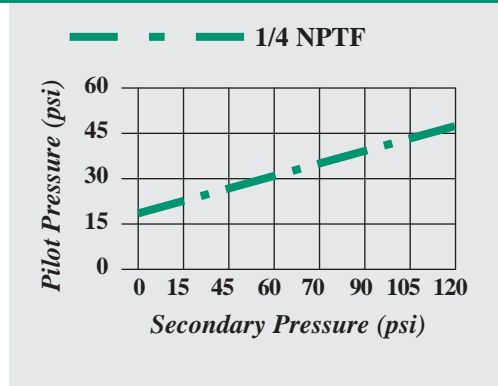
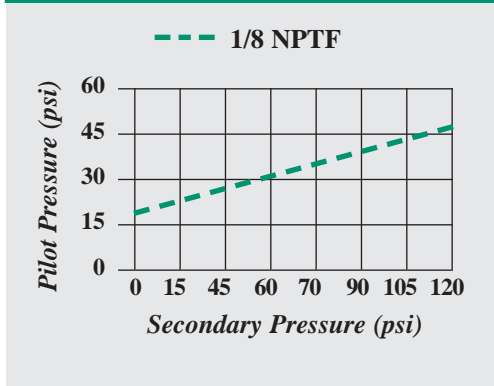


## Specifications

Product	Operating Pressure (psi)	Temp. Range	Media	
<b>Pilot Operated Check</b>	15 to 150	-15° to +160°F	Air and liquids compatible with materials of construction	
Part Number	OAL A	Banjo B	1	2
<b>PCBCV-2</b>	1.61	1.05	1/8 NPTF (M)	1/8 NPTF (F)
<b>4</b>	1.89	1.30	1/4 NPTF (M)	1/4 NPTF (F)
<b>6</b>	2.17	1.61	3/8 NPTF (M)	3/8 NPTF (F)
<b>8</b>	2.58	1.82	1/2 NPTF (M)	1/2 NPTF (F)
<b>PCBCV-2P</b>	1.61	1.33	1/8 NPTF (M)	1/4 PUSH-IN
<b>4P</b>	1.89	1.50	1/4 NPTF (M)	1/4 PUSH-IN
<b>6P</b>	2.17	1.73	3/8 NPTF (M)	3/8 PUSH-IN

All measurements in inches  
Refer to page 19 for **Installation Torque** information.

## Cracking Pressure



Graphs shown illustrate the cracking pressure of the Polyconn pilot operated check valves by porting option. Cracking pressure indicates minimum signal pressure required to open the valve.

## Ordering Information

### Pilot Operated Valves

Part No.	Connection	Pkg
<b>PCBCV-2</b>	1/8 NPTF (M) x (F)	1
<b>PCBCV-4</b>	1/4 NPTF (M) x (F)	1
<b>PCBCV-6</b>	3/8 NPTF (M) x (F)	1
<b>PCBCV-8</b>	1/2 NPTF (M) x (F)	1
<b>PCBCV-2P</b>	1/8 NPTF (M) x 1/4 PI	1
<b>PCBCV-4P</b>	1/4 NPTF (M) x 1/4 PI	1
<b>PCBCV-6P</b>	3/8 NPTF (M) x 3/8 PI	1

- To order standard product use part number listing.
- All pilot operated check valves are sold individually.
- Contact factory for optional seals.