



## INLINE PILOT OPERATED CHECK VALVES-ZERO LEAKAGE



PCV	ZL	02	D	(90)
Series No.	Zero Leakage: Achieving 30 Days Pressure Locking	Valve Size 1/4"	S: Single Pilot Operation D: Dual Pilot Operation	Design No. Omit: Rc/PT Thread 80: PF Thread 90: NPT Thread

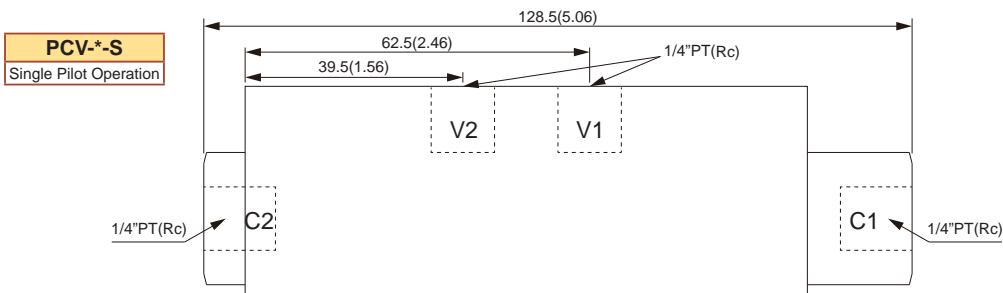
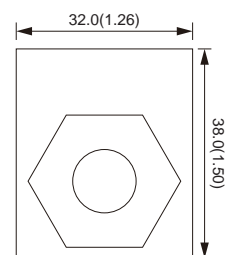
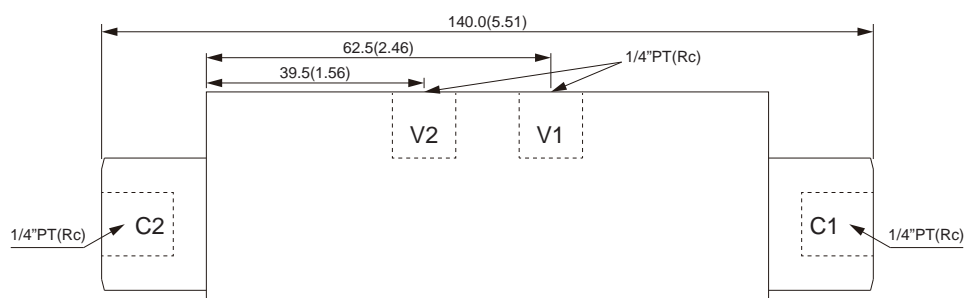
PCV*-S	PCV*-D

Model	Max. Flow (ℓ/min)/(U.S.GPM)	Max. Oper. Pres. (MPa)/(PSI)	Pilot Ratio	Weight (kg)
PCV-ZI-02	30(7.96)	25(3625)	1.4:1	1.0

The graph displays two data series over a 30-day period. The left y-axis represents Pressure in Bar (0 to 300), and the right y-axis represents Temperature in °C (0 to 40). The x-axis represents Time in Days (0 to 30). Pressure (blue line) starts at approximately 250 Bar, drops to about 180 Bar by day 1, and then fluctuates between 180 and 280 Bar. Temperature (red line) starts at approximately 28°C, drops to about 25°C by day 1, and then fluctuates between 25°C and 32°C.

Time (Days)	Pressure (Bar)	Temperature (°C)
0	250	28
1	180	25
2	210	26
3	210	26
4	230	27
5	240	28
6	210	27
7	250	28
8	250	29
9	210	28
10	180	27
11	180	26
12	210	27
13	230	28
14	240	29
15	230	29
16	250	30
17	210	28
18	190	27
19	220	28
20	220	28
21	240	29
22	210	28
23	240	29
24	250	30
25	250	31
26	270	32
27	210	29
28	230	30
29	260	31
30	270	32

**PCV-\*-D**  
Dual Pilot Operation



PAGE 46