



Shown to depict scale

Free-flow, nose-to-side check valves are on/off circuit components that allow free flow from the inlet (port 1) to the outlet (port 2) and block flow in the opposite direction.

**TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-382A
Series	Z
Capacity	1 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Valve Internal Hex Size	3/16 in.
Valve Installation Torque	100 - 120 lbf in.
Seal kit - Cartridge	Buna: 990382007
Seal kit - Cartridge	EPDM: 990382014
Seal kit - Cartridge	Viton: 990382006
Model Weight	0.01 lb.

**CONFIGURATION OPTIONS**

**Model Code Example: CXZAXCN**

CONTROL	(X) CRACKING PRESSURE	(C) SEAL MATERIAL	(N) MATERIAL/COATING
<b>X</b> Not Adjustable	<b>C</b> 30 psi (2 bar) A 4 psi (0,3 bar) B 15 psi (1 bar)	<b>N</b> Buna-N E EPDM V Viton	<b>N</b> Standard Material/Coating /AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel

**TECHNICAL FEATURES**

- Due to size constraints, this valve has a .188 (3/16) inch internal hex. There is no metric equivalent.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute (0,07 cc/min).
- Will accept 5000 psi (350 bar) at ports 1 and 2.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

**PERFORMANCE CURVES**

