



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	SC-10-02
Series	1C
Capacity	16 gpm
Maximum Operating Pressure	3600 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Valve Hex Size	1.00 in.
Valve Installation Torque	25 - 30 lbf ft
Model Weight	0.15 lb.
Seal kit - Cartridge	Buna: 99C-102-007
Seal kit - Cartridge	Viton: 99C-102-006

# OPTION SELECTION EXAMPLE: CXUTXCN

CONTROL

(X) CRACKING PRESSURE

(C) SEAL MATERIAL

(N)

X -

C 29 psi (2.0 bar)

N Buna-N

A 7 psi (.5 bar)

V Viton

## TECHNICAL FEATURES

- This valve will accept 3600 psi (250 bar) at ports 1 and 2.
- This Check valve offers an extremely low leakage rate with a maximum leakage of less than 5 drops per minute (0,33 cc/min).
- All configurations of this valve include zinc plating as standard.
- All configurations of this valve provide 192 hours of corrosion resistance.

## PERFORMANCE CURVES

