



The single ball shuttle connects the higher of two work ports to the signal or common port. The signal is sensed at port 2.

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)	5 drops/min.
Valve Internal Hex Size	5/32 in.
Valve Installation Torque	100 - 120 lbf in.
Model Weight	0.01 lb.
Seal kit - Cartridge	Buna: 990-382-007
Seal kit - Cartridge	Viton: 990-382-006

OPTION SELECTION EXAMPLE: CSZNXXN

CONTROL	(X)	ADJUSTMENT RANGE	(X)	SEAL MATERIAL	(N)
X Not Adjustable		X -		N Buna-N	
				V Viton	

TECHNICAL FEATURES

- This valve is what we call an Insert style. It is meant to be buried in a manifold or actuator. The cavity drawing for the T-382A cavity contains a lot of detailed information and should be studied closely when applying this valve.
- Shuttle cartridges feature hardened steel balls and seats for excellent wear characteristics and contamination tolerance.
- The single ball allows for the decay of the pressure signal when both load ports drop to a lower pressure.
- 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

