



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	SC-08-03
Series	0C
Capacity	8 gpm
Maximum Operating Pressure	3000 psi
Typical Valve Leakage at 110 SUS (24cSt)	1 drops/min. @3000 psi
Valve Hex Size	7/8 in.
Valve Installation Torque	21 - 23 lbf ft
Model Weight	0.15 lb.
Seal kit - Cartridge	Buna: 99C-083-007

OPTION SELECTION EXAMPLE: CSTTXXN

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

TECHNICAL FEATURES

- 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.
- All ports are rated to a maximum operating pressure of 3000 psi (210 bar).
- The cartridge installation torque of 22 lbf ft (30 Nm) should be respected for best performance.

PERFORMANCE CURVES

