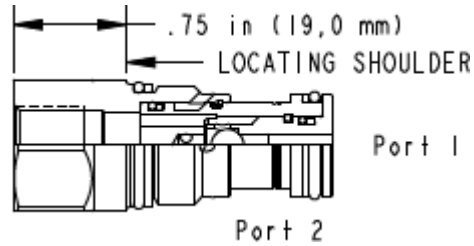


CONFIGURATION

B Control	External 1/4 BSPP Port
X Adjustment Range	-
N Seal Material	Buna-N
Material/Coating	



The single ball shuttle connects the higher of two work ports to the signal or common port. The signal is sensed at an external port located in the hex-end of the cartridge.

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

Cavity	T-13A
Series	1
Capacity	2.5 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Valve Hex Size	7/8 in.
Valve Installation Torque	30 - 35 lbf ft
Model Weight	0.21 lb.
Seal kit - Cartridge	Buna: 990-010-007
Seal kit - Cartridge	Polyurethane: 990-010-002
Seal kit - Cartridge	Viton: 990-010-006

OPTION SELECTION EXAMPLE: CSAABXN

CONTROL	(B) ADJUSTMENT RANGE	(X) SEAL MATERIAL	(N) MATERIAL/COATING ((LH))
B External 1/4 BSPP Port	X -	N Buna-N	/LH Mild Steel, Zinc-Nickel
E External 4-SAE Port		E EPDM	/AP Stainless Steel, Passivated
		V Viton	Standard Material/Coating

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.
- 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

