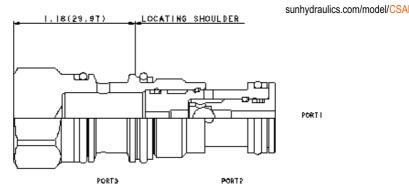


-1-0-3-

### CONFIGURATION

X	Control	Not Adjustable
X	Adjustment Range	-
N	Seal Material	Buna-N
(none) Material/Coating		Standard Material/Coating



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-11A
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
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	EPDM: 990011014
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006
Model Weight	0.25 lb.

# **CONFIGURATION OPTIONS**

### Model Code Example: CSADXXN

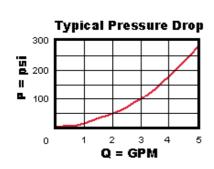
CONTROL (X) ADJUSTMENT RANGE (X) SEAL MATERIAL (N) MATERIAL/COATING

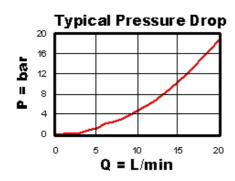
X Not AdjustableX -N Buna-NStandard Material/CoatingA Auxiliary External -4 SAE PortE EPDM/AP Stainless Steel, PassivatedB Auxiliary External 1/4 BSPP PortV Viton/LH Mild Steel, Zinc-Nickel

# **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.
- 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.
- 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





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