



Single ball shuttle valve with signal at port 2

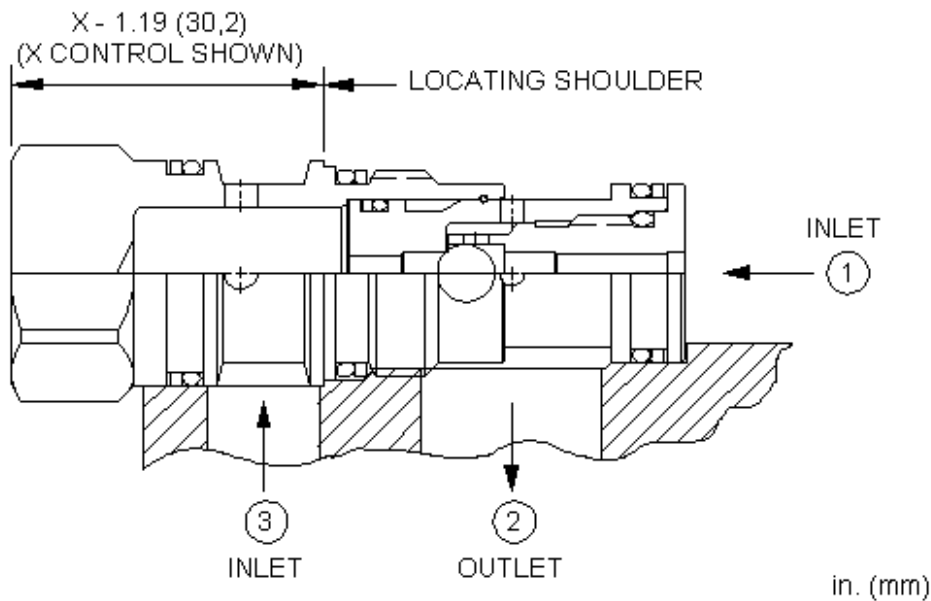
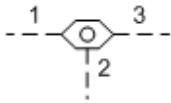
Capacity:
2.5 gpm (10 L/min.)

Functional Group:
Products : Cartridges : Shuttle Valve : 3-Port : Single Ball, Signal at Port 2

Model:
CSAD

Product Description

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

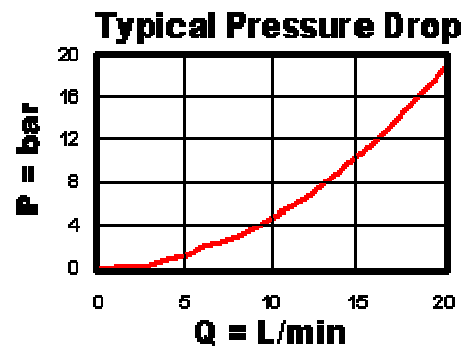
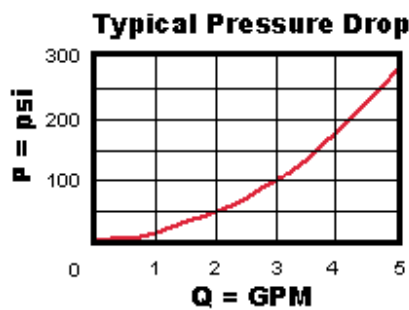


Technical Features

- Shuttle cartridges feature hardened steel balls and seats for excellent wear characteristics and contamination tolerance.
- 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.
- The single ball allows for the decay of the pressure signal when both load ports drop to a lower pressure.

Technical Data

	U.S. Units	Metric Units
Cavity	T-11A	
Capacity	2.5 gpm	10 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.	0,3 cc/min.
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-011-007	
Seal Kits - Cartridge	Viton: 990-011-006	
Model Weight	0.25 lb.	0.11 kg.



CSAD-XXN

Control

Standard Options

- A** Auxiliary External -4 SAE Port
- B** Auxiliary External 1/4 BSPP Port
- X** Not Adjustable

Adjustment Range

Standard Options

X -

Seal Material

Standard Options

- N** Buna-N
- V** Viton

Material/Coating Modifier

Preferred Options

No modifier (standard material with no special coating)

Special Options

/AP Stainless Steel, Passivated

Control: X

Our corrosion resistant product line is growing! If you are interested in a corrosion resistant option for this model, please contact Sun.

Additional Options ([Click Here](#))

Control

- E** External 4-SAE Port, Port 3 blocked

Adjustment Range

Seal Material

When the modifier is /AP, the control must be X