



Insert style, single ball shuttle valve with signal at port 2

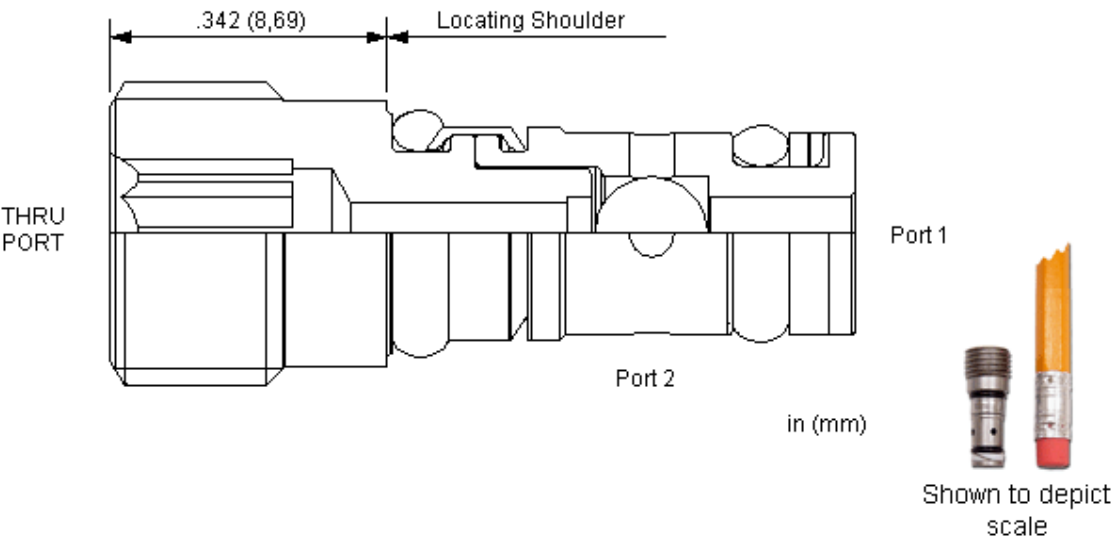
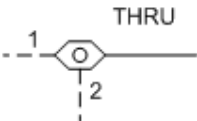
Capacity:
1 gpm (4 L/min.)

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

Model:
CSZN

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.

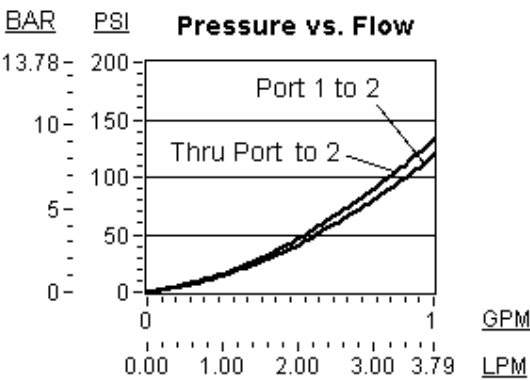


Technical Features

- 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.

Technical Data

	U.S. Units	Metric Units
Cavity	T-382A	
Capacity	1 gpm	4 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 Z	
Valve Internal Hex Size	5/32 in.	4 mm
Valve Installation Torque	100 - 120 lbf in.	11 - 14 Nm
Seal Kits - Cartridge	Buna: 990-382-007	
Seal Kits - Cartridge	Viton: 990-382-006	
Model Weight	0.01 lb.	-



CSZN-XXN

Control		Adjustment Range		Seal Material	
Standard Options		Standard Options		Standard Options	
X	Not Adjustable	X	-	N	Buna-N
				V	Viton

Stainless options not available for this model