

Insert style, single ball shuttle valve with signal external

Capacity:
1.25 gpm (4,7 L/min.)

Functional Group:

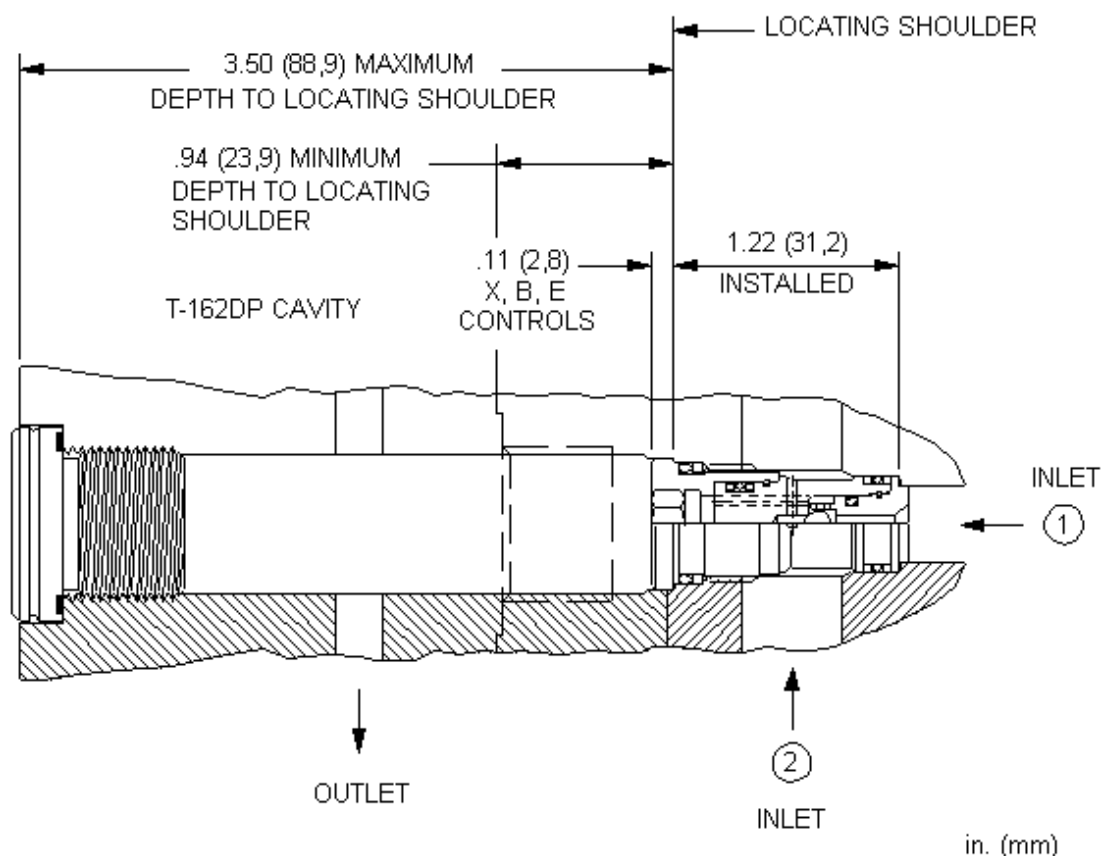
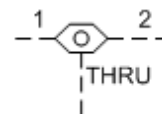
Products : Cartridges : Shuttle Valve, Insert Style : 2-Port : Single Ball, Signal External

Model:

CSAM

Product Description

The single ball shuttle connects the higher of two work ports to the signal or common port. The signal is sensed externally out the back of the cartridge.



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-162DP 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-162DP	
Capacity	1.25 gpm	4,7 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 0	
Valve Internal Hex Size	5/16 in.	8 mm
Valve Installation Torque	20 - 25 lbf ft	27 - 33 Nm
Seal Kits - Cartridge	Buna: 990-162-007	
Seal Kits - Cartridge	Viton: 990-162-006	
Model Weight	0.07 lb.	0.03 kg.

CSAM-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