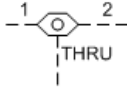


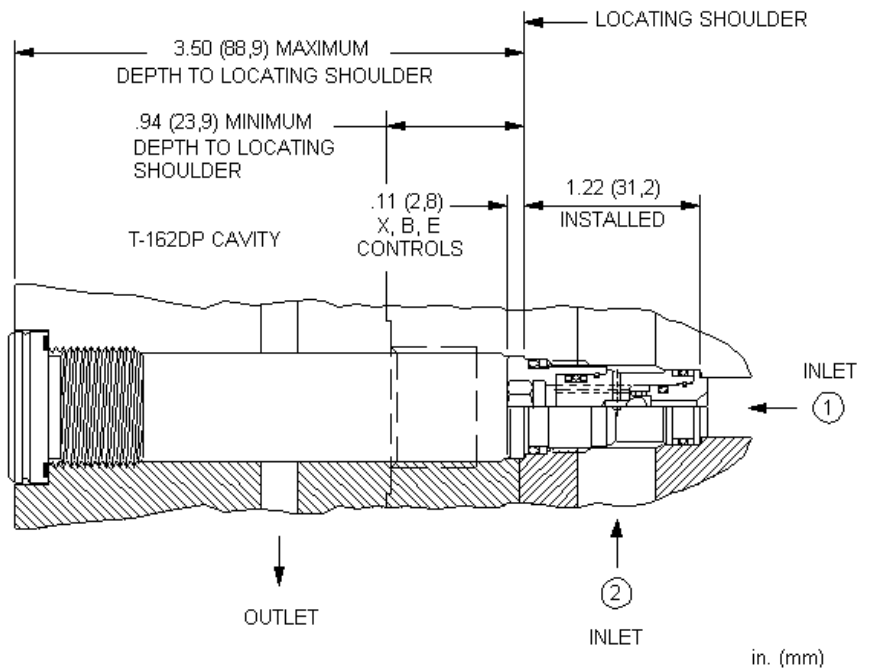
MODEL  
CSAM

Insert style, single ball shuttle valve with signal external  
CAPACITY: 4,7 L/min. | CAVITY: T-162DP



**CONFIGURATION**

<b>X</b>	Control	Not Adjustable
<b>X</b>	Adjustment Range	-
<b>N</b>	Seal Material	Buna-N



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 DATA**

Cavity	T-162DP
Series	0
Capacity	4,7 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.
Valve Internal Hex Size	8 mm
Valve Installation Torque	27 - 34 Nm
Seal kit - Cartridge	Buna: 990-162-007
Seal kit - Cartridge	Polyurethane: 990-162-002
Seal kit - Cartridge	Viton: 990-162-006
Model Weight	0.03 kg.

**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.

---

**CONFIGURATION OPTIONS**

---

**CONTROL**

---

<b>Standard Options</b>	<b>X</b>	Not Adjustable
-------------------------	----------	----------------

---

---

**ADJUSTMENT RANGE**

---

<b>Standard Options</b>	<b>X</b>	-
-------------------------	----------	---

---

---

**SEAL MATERIAL**

---

<b>Standard Options</b>	<b>N</b>	Buna-N
	<b>V</b>	Viton

---

Copyright © 2002-2014 Sun Hydraulics Corporation. All rights reserved.