



## 3 VALVE MANIFOLD - SINGLE FLANGED, INTEGRAL (T) TYPE

DESCRIPTION: For use with D/P transmitters Direct mount to transmitter. Two process isolation valves, one equalizing valve.

### TECHNICAL DATA

<b>CONNECTIONS:</b>	Instrument Flanged, Process – 1/2" NPT (F)
<b>BODY:</b>	Forged single piece CS, ASTM A105 plated or ASTM A182 F 316SS
<b>STEM:</b>	Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316SS
<b>NEEDLE TIP:</b>	Self-centering, non-rotating hardened & ground, ASME SA-479 Type 316SS
<b>UPPER/LOWER GLAND BODY:</b>	SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316SS
<b>GLAND PACKING:</b>	Adjustable, below stem thread design (PBT), prevent process fluid contact with stem threads. PTFE for temperature below 400°F / Graphite for temperature above 400°F.
<b>HANDLE:</b>	'T' Bar handle, CS, ASTM A108 plated or ASME SA-479 Type 316SS
<b>WASHER:</b>	ASME SA-479 Type 316SS
<b>PRESSURE/TEMP RATING:</b>	PRESSURE 1500 PSI / TEMPERATURE 1,000°F PRESSURE 4000 PSI / TEMPERATURE 500°F PRESSURE 6000 PSI / TEMPERATURE 200°F
<b>TEST PRESSURES:</b>	Body : Hydrostatic at 6000 PSI Seat & Gland : 1000 PSI with Nitrogen
<b>PIPE MOUNTING FACILITY:</b>	Drilled holes provided for brackets
<b>OPTIONS:</b>	Material of construction conforming to NACE-MR-01-75 Other materials available for corrosion resistance Soft Seat

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Manufacturer of Advanced Technology  
Level and Pressure Transmitters

**Drawing Reference:** DWG\_3VM\_SFT\_001

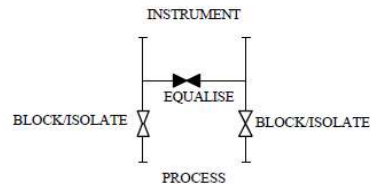
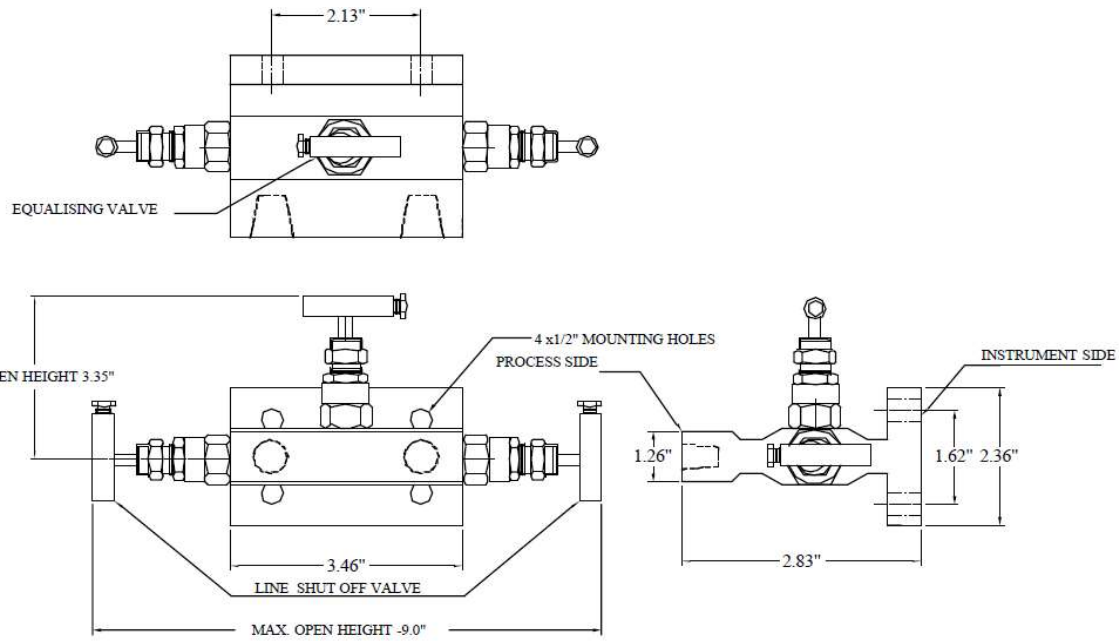
**Part Number Reference:** CST 3VM-SFT-001-316  
CST 3VM-SFT-001-CS

### MISSION STATEMENT

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TEMP	CS	SS	ORIFICE DIA. D	Cv
ROOM T	6000 PSI	6000 PSI	0.220"	0.65 MAXIMUM
500 DEG F	4000 PSI	4000 PSI		
1000 DEG F	1500 PSI	1500 PSI		

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DRAWN		CANADA SENSORS TECHNOLOGY INC.			
KH	06/04/2019				
CHECKED		TITLE			
QA		3 VALVE MANIFOLD SINGLE FLANGED, INTEGRAL 'T' TYPE			
MFG					
APPROVED		SIZE:		DWG NO.:	REV.
				DWG_3VM_SFT_001	0
		SCALE:		SHEET 1 OF 1	

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