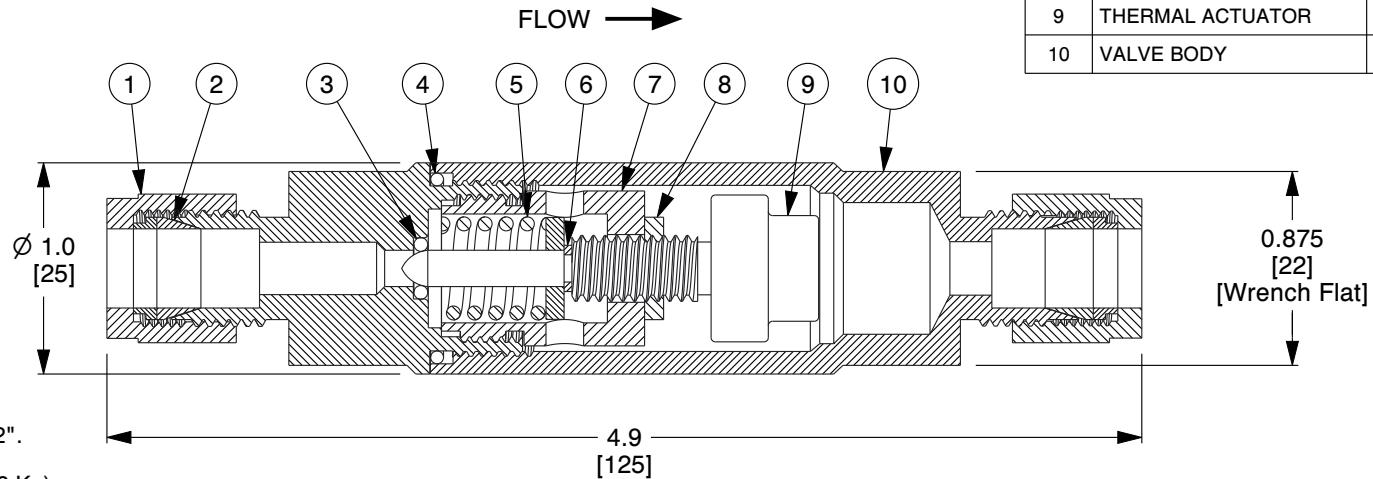


B

ITEM	DESCRIPTION	MATERIAL
1	TUBING NUT	316 SS
2	DOUBLE FERRULE	316 SS
3	SEAT SEAL	PTFE
4	SEALING O-RING	EPDM or Viton (Refer Note 9)
5	OPERATING SPRING	316 SS
6	E-CLIP	PH15-7 MO
7	RETAINER	316 SS
8	LOCK NUT	316 SS
9	THERMAL ACTUATOR	316 SS
10	VALVE BODY	316 SS

B



**NOTES:**

1. TUBE O.D SIZE: 1/2".
2. Cv: 0.5.
3. WEIGHT: 0.6 Lb (0.3 Kg).
4. MAXIMUM OPERATING PRESSURE: 300 PSIG (20.7 BAR).
5. MAXIMUM TEMPERATURE: 150°F (66°C) OVER SET-POINT LIMIT 300°F (149°C).
6. FULL OPEN TEMPERATURES "XXX" AVAILABLE: 040°F, 050°F, 055°F, 060°F, 065°F, 075°F, 085°F, 090°F, 095°F, 100°F, 105°F, 110°F, 120°F, 125°F, 130°F, 140°F, 150°F, 155°F, 160°F, 170°F, 180°F, 190°F AND 200°F.
- A. CLOSING TEMPERATURE IS TYPICALLY 10°F ABOVE OPENING TEMPERATURE.
7. FITTINGS: PARKER A-LOK STANDARD / SWAGelok OPTIONAL.
8. REPLACE SINGULAR "X" WITH 0 FOR EPDM BODY SEALS; 1 FOR VITON BODY SEALS. OTHER SEALS AVAILABLE.
9. SEAL MATERIAL COMPATIBILITY:
  - A. EPDM - AIR, WATER, STEAM, KETONES, AND SYNTHETIC HYDRAULIC OILS.
  - B. VITON - AIR, FUEL, OIL, GAS, PETROLEUM-BASED HYDRAULIC OILS.
10. FLOW DIRECTION IS REVERSED ON VALVES THAT CLOSE OVER 210°F (98.9°C).
11. A #20 MESH STRAINER IS RECOMMENDED.

A

A

**COMPONENT** IN-LINE TEMPERATURE CONTROL VALVE

ThermOmegaTech, Inc.  
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**SCALE** NTS

**214-200X02-XXX**

1/2" TV/HAT-S6

<b>UNIT</b>
INCH [MM]
<b>SHEET</b>
1 of 1

4

3

2

1