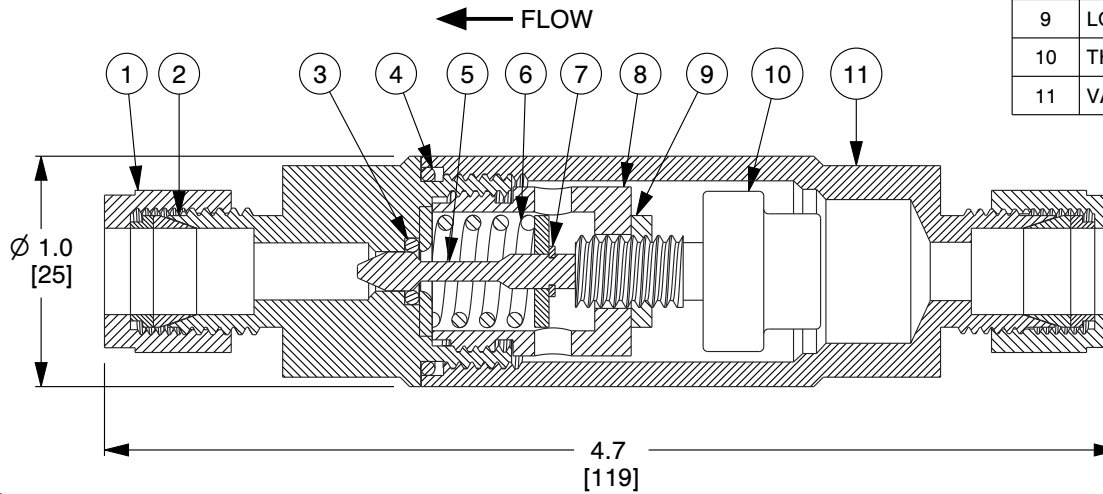


ITEM	DESCRIPTION	MATERIAL
1	TUBING NUT	300 Series SS
2	DOUBLE FERRULE	300 Series SS
3	SEAT SEAL	PTFE
4	SEALING O-RING	EPDM or Viton (Refer Note 9)
5	RAM-TYPE PLUG	300 Series SS
6	OPERATING SPRING	300 Series SS
7	E-CLIP	PH15-7 MO
8	RETAINER	300 Series SS
9	LOCK NUT	300 Series SS
10	THERMAL ACTUATOR	300 Series SS
11	VALVE BODY	300 Series SS



**NOTES:**

1. TUBE O.D SIZE: 1/2".
2. Cv: 0.5.
3. WEIGHT: 0.5 Lb (0.2 Kg).
4. MAXIMUM OPERATING PRESSURE: 150 PSIG (10 BAR).
5. MAXIMUM TEMPERATURE: 105°F (66°C) OVER SET-POINT-LIMIT 300°F (149°C).
6. FULL OPEN TEMPERATURE "XXX" AVAILABLE: 040°F, 045°F, 050°F, 060°F, 070°F, 075°F, 085°F, 095°F, 100°F, 105°F, 110°F, 115°F, 120°F, 125°F, 130°F, 140°F, 150°F, 160°F, 170°F, 175°F, 180°F, 190°F, 200°F, AND 210°F.  
 A. CLOSING TEMPERATURE IS TYPICALLY 10°F BELOW 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.
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. A #20 MESH STRAINER IS RECOMMENDED.

COMPONENT	IN-LINE TEMPERATURE CONTROL VALVE
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**ThermOmegaTech**  
 ThermOmegaTech, Inc.  
 353 Ivyland Road  
 Warminster, PA 18974-2205, USA  
 Ph: 215-798-5978

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SCALE      NTS

**224-100X00-XXX**

1/2" TV/HAT-RA-SS

UNIT	INCH [MM]
SHEET	1 of 1

4

3

2

1

B

B

A

A

4

3

2

1