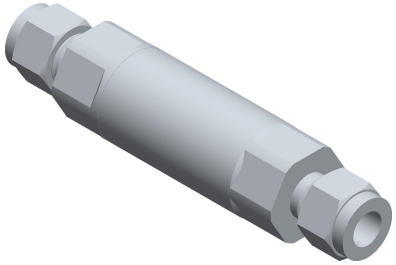
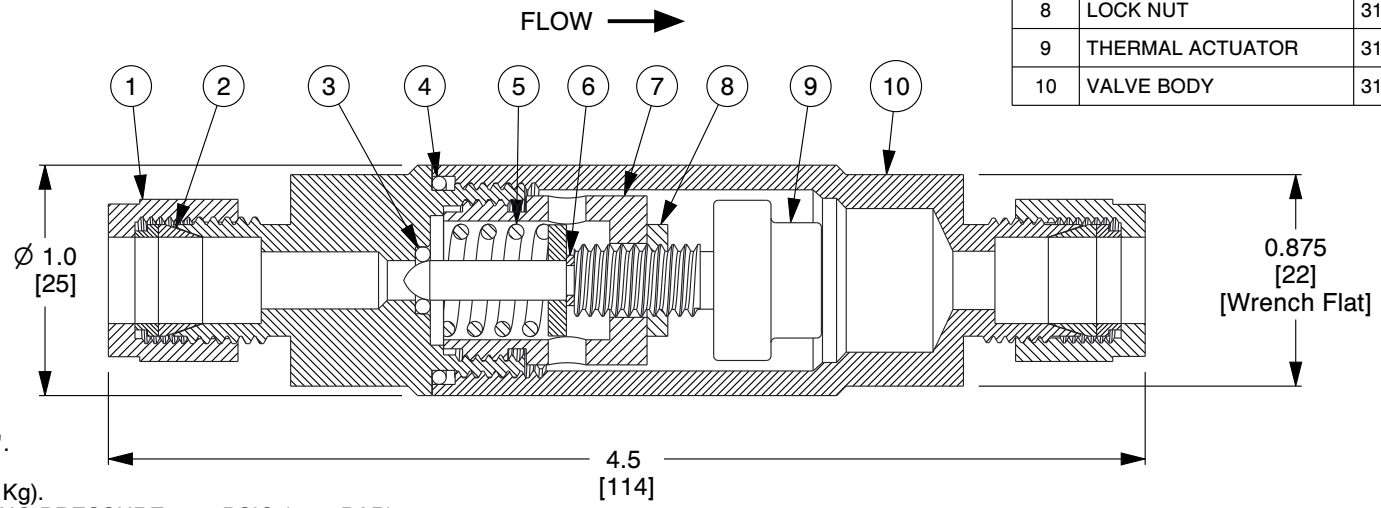


ITEM	DESCRIPTION	MATERIAL
1	TUBING NUT	316 SS
2	DOUBLE FERRULE	316 SS
3	SEAT SEAL	PTFE
4	SEALING O-RING	EPDM or Viton (Refer Note 9)
5	OPERATING SPRING	316 SS
6	E-CLIP	PH15-7 MO
7	RETAINER	316 SS
8	LOCK NUT	316 SS
9	THERMAL ACTUATOR	316 SS
10	VALVE BODY	316 SS



NOTES:

1. TUBE O.D SIZE: 3/8".
2. Cv: 0.5.
3. WEIGHT: 0.5 Lb (0.2 Kg).
4. MAXIMUM OPERATING PRESSURE: 300 PSIG (20.7 BAR).
5. MAXIMUM TEMPERATURE: RANGE 150ºF (83.3ºC) OVER SET-POINT WITH A LIMIT OF 300ºF (149ºC).
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.

COMPONENT	IN-LINE TEMPERATURE CONTROL VALVE

ThermOmegaTech
ThermOmegaTech, Inc.
353 Ivyland Road
Warminster, PA 18974-2205, USA
Ph: 215-798-5978

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SCALE	NTS

213-310X02-XXX

3/8" TV/HAT-S6-SW

UNIT	INCH [MM]
SHEET	1 of 1