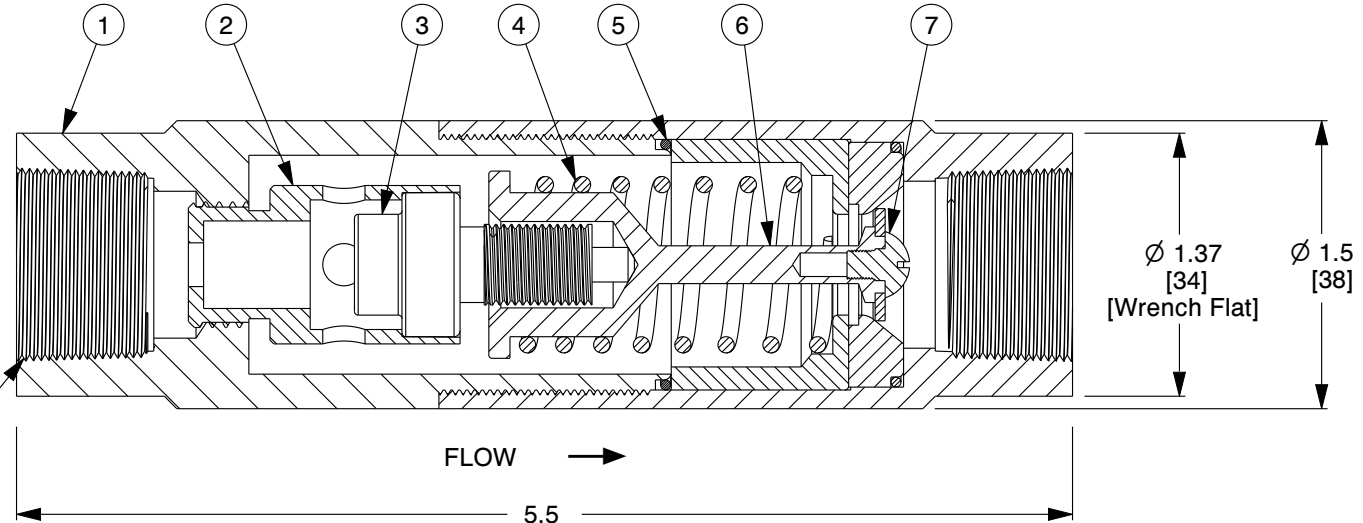




ITEM	DESCRIPTION	MATERIAL
1	BODY	300 Series SS
2	ACTUATOR CARRIER	300 Series SS
3	THERMAL ACTUATOR	300 Series SS
4	OPERATING SPRING	300 Series SS
5	BODY SEAL	EPDM or Viton (Refer Note 8)
6	PLUG	300 Series SS
7	LP WASHER	300 Series SS



2x 3/4" NPT

FLOW →

5.5
[140]

Ø 1.37
[34]
[Wrench Flat]

Ø 1.5
[38]

NOTES:

1. Cv: 2.0.
2. PORT SIZE: D.
3. WEIGHT: 1.4 Lb (0.6 Kg).
4. MAXIMUM OPERATING PRESSURE: 70 PSIG (4.8 BAR).
5. MAXIMUM TEMPERATURE: 150°F (66°C) OVER SET-POINT-LIMIT 300°F (149°C).
6. ALL 145 SERIES LEAK FLOW RATES AT 40 PSIG (2.8 BAR).
7. FULL OPEN TEMPERATURES "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 10°F BELOW OPENING TEMPERATURE.
8. SEAL MATERIAL COMPATIBILITY:
A. EPDM - AIR, WATER, STEAM, KETONES, SYNTHETIC HYDRAULIC OILS.
B. VITON - AIR, FUEL, OIL, GAS, PETROLEUM-BASED HYDRAULIC OILS.
9. REPLACE SINGULAR "X" WITH 1 FOR EPDM BODY SEALS; 2 FOR VITON BODY SEALS.
10. A #20 MESH STRAINER IS RECOMMENDED.

COMPONENT INLINE TEMPERATURE CONTROL VALVES

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

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SCALE NTS

145-512X03-XXX

3/4" HAT/RA-LP D-Port, all SS 1 GPM

UNIT
INCH [MM]
SHEET
1 of 1