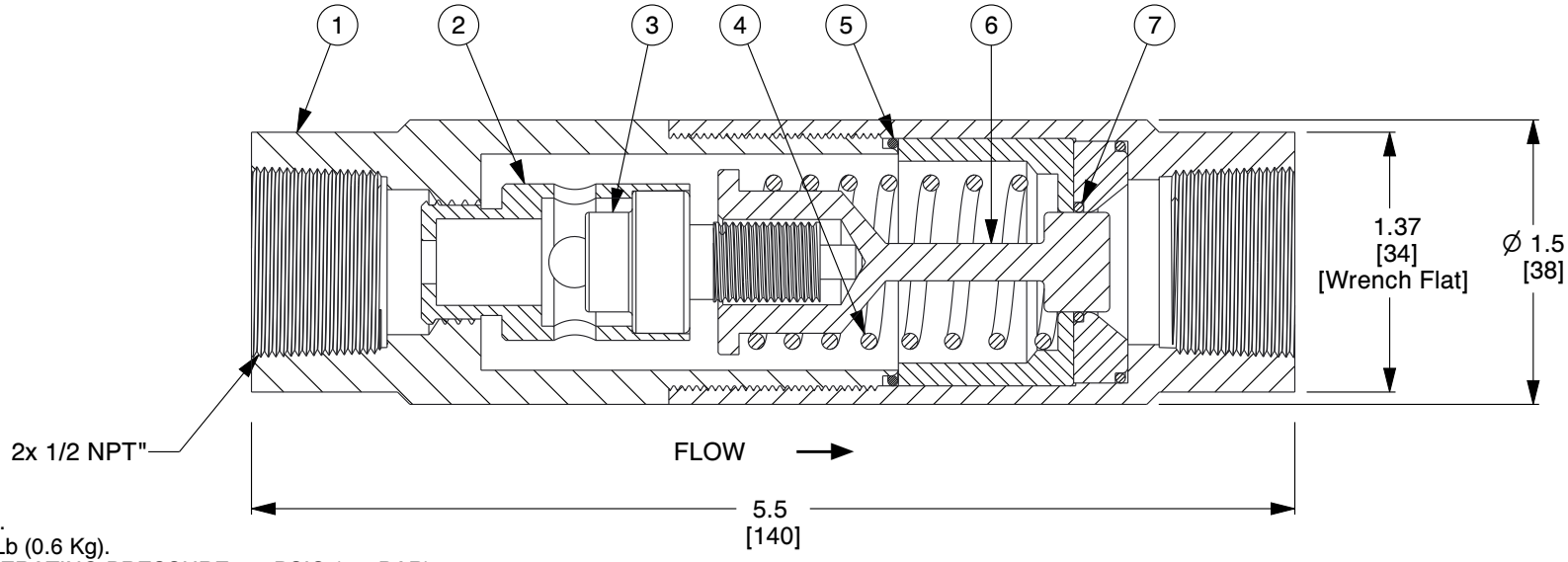
ITEM	DESCRIPTION	MATERIAL
1	BODY	300 Series SS
2	ACTUATOR CARRIER	300 Series SS
3	THERMAL ACTUATOR	300 Series SS
4	OPERATING SPRING	300 Series SS
5	BODY SEAL	EPDM or Viton (Refer Note 7)
6	PLUG	300 Series SS
7	SEAT SEAL RING	PTFE



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. ALL 145 SERIES LEAK FLOW RATES AT 40 PSIG (2.8 BAR).
6. 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.
7. SEAL MATERIAL COMPATIBILITY:
   A. EPDM - AIR, WATER, STEAM, KETONES, SYNTHETIC HYDRAULIC OILS.
   B. VITON - AIR, FUEL, OIL, GAS, PETROLEUM-BASED HYDRAULIC OILS.
8. REPLACE SINGULAR “X” WITH 1 FOR EPDM BODY SEALS; 2 FOR VITON BODY SEALS.
9. A #20 MESH STRAINER IS RECOMMENDED.

COMPONENT	INLINE TEMPERATURE CONTROL VALVES

ThermOmegaTech

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

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. ThermOmegaTech makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

This drawing is the property of ThermOmegaTech. It contains confidential, proprietary information that is ThermOmegaTech property. Do not disclose to or duplicate for others except as authorized by ThermOmegaTech.

SCALE	NTS

145-512X00-XXX

3/4” HAT/RA D-Port all SS

UNIT
INCH [MM]
SHEET
1 of 1