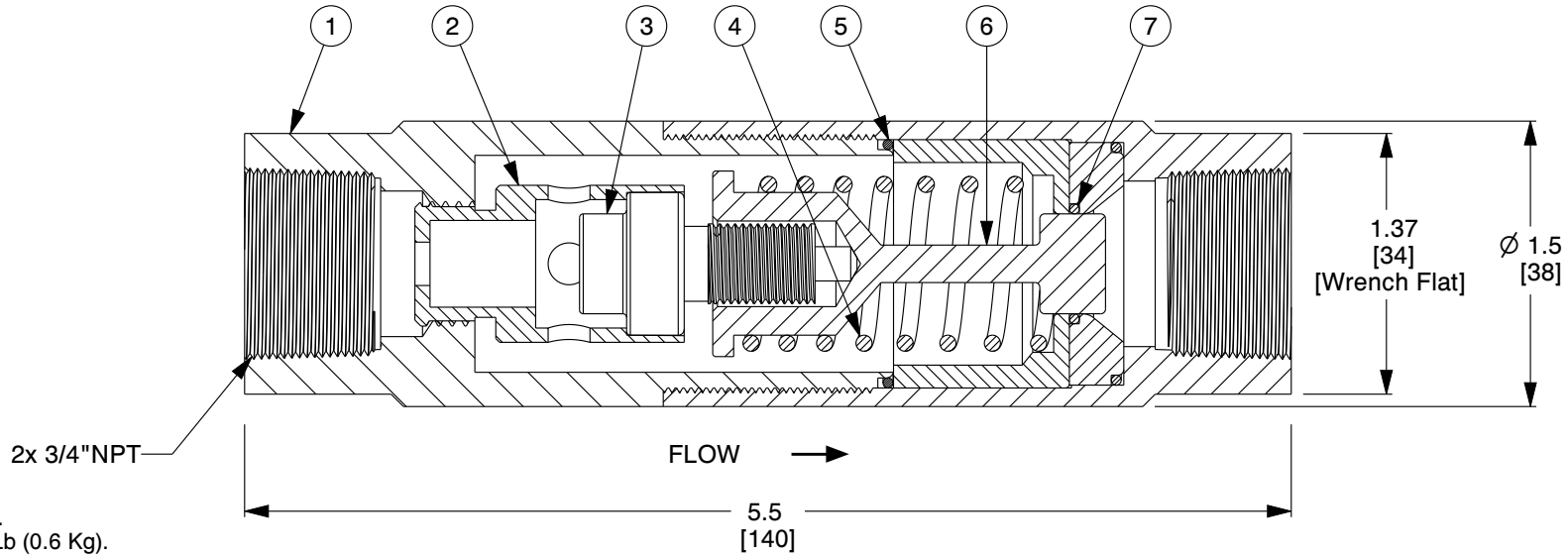
ITEM	DESCRIPTION	MATERIAL
1	BODY	300 Series SS
2	ACTUATOR CARRIER	Brass
3	THERMAL ACTUATOR	Brass
4	OPERATING SPRING	300 Series SS
5	BODY SEAL	EPDM or Viton (Refer Note 8)
6	PLUG	300 Series SS
7	SEAT SEAL RING	PTFE



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. 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

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SCALE	NTS

145-502X00-XXX

3/4” HAT/RA D-Port

UNIT
INCH [MM]
SHEET
1 of 1