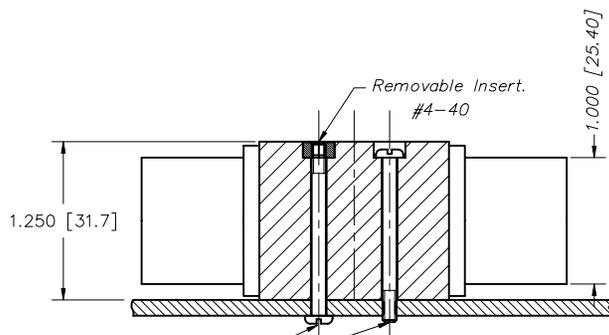
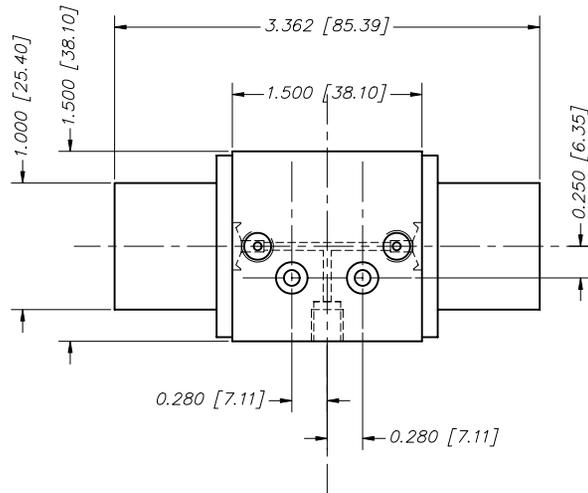


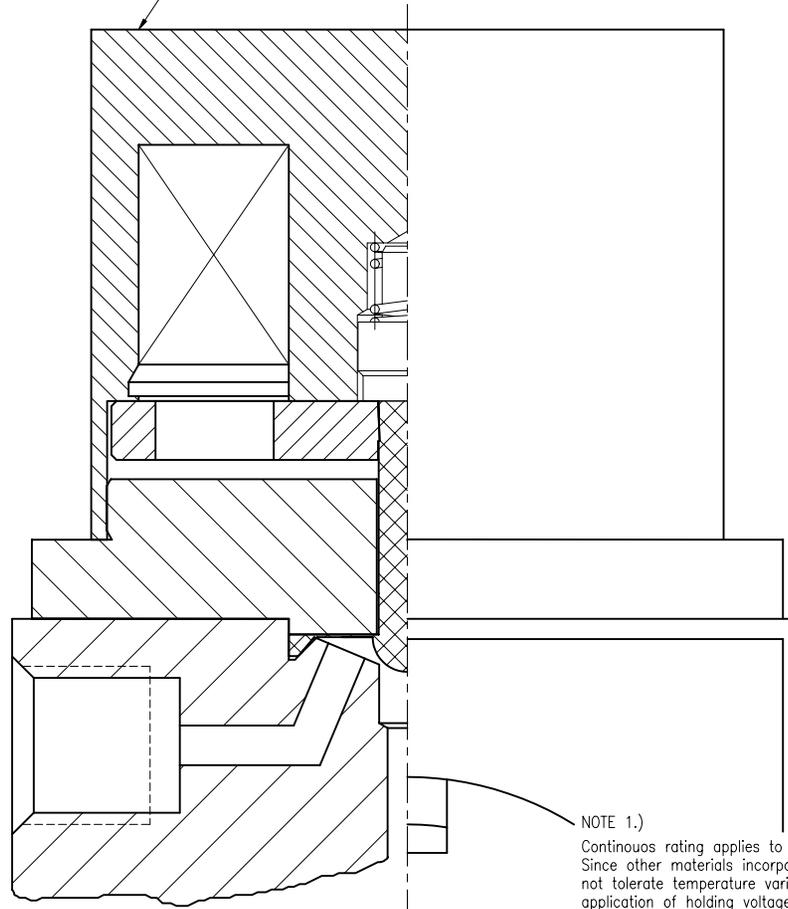
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MOUNTING OPTIONS:
Use with or without Inserts.

SERVICEABLE:

Solenoids are independently removable for cleaning and/or replacement in emergency situations.



SPECIFICATIONS:

Mechanical: (Each Port)

- TYPE: 2w Normally Closed
- PORT CONNECTION: 1/4-28 Flat Bottom
- NOMINAL ORIFICE: 0.062 In. (1.5 mm)
- OPERATING PRESSURE: Vacuum to 30 PSI (2 Bars)
- TEST PRESSURE: 30 PSI N₂ (No leakage)
- INTERNAL VOLUME: 175.46 microliters total volume port base to port base.
42 microliters from valve seat to mixing intersection.
- WETTED MATERIALS: TEFLON®
- MOUNTING ORIENTATION: Any Position

Electrical: (At 70° F No Pressure)

- OPERATING VOLTAGE: 24 VDC (continuous)
24 to 48 volts subject to duty cycle and/or holding voltage applied.
- POWER CONSUMPTION: 1.7 watts/24VDC (approx.)
- LEAD WIRES: #26 AWG, TFE Insulated
Blue 18 in. (457 mm) long.
- TEST VOLTAGE (ON): < 18 VDC
- TEST VOLTAGE (OFF): 1 to 8 VDC
- RESPONSE TIME (ON): 20ms Max. (24 VDC)
5 to 20 ms subject to applied voltage and driving circuits.
- RESPONSE TIME (OFF): 30ms Max. (from 24 VDC)
30 to 5 ms adjustable by driving circuits.

NOTICE:

This product is protected by one or more of the following United States Patents: 4,496,133; 4,993,456; 5,143,118; Re. 34,261 5,433,244. Other Patents Pending.

UNLESS OTHERWISE SPECIFIED		
Fractions	± 1/64	Break Sharp Edges 0.003-0.008
2 Pl. Dec.	± 0.005	All Small Fin. Radii 0.003-0.008
3 Pl. Dec.	± 0.002	All surfaces shall be Concentric,
Angular	± 0.06°	Parallel, Flat, Square and True
All Fin. Surf.		to Each Other within 0.001 T.I.R.

Scale	1 : 1 (B)	Material
Dr. By	G Stevens	Date 11-02-2004
Rev. By	F. Tarnok	Date 12-12-2008
Part Name	Model# 225T052	

NR RESEARCH INCORPORATED	Drawing Number
	225V313