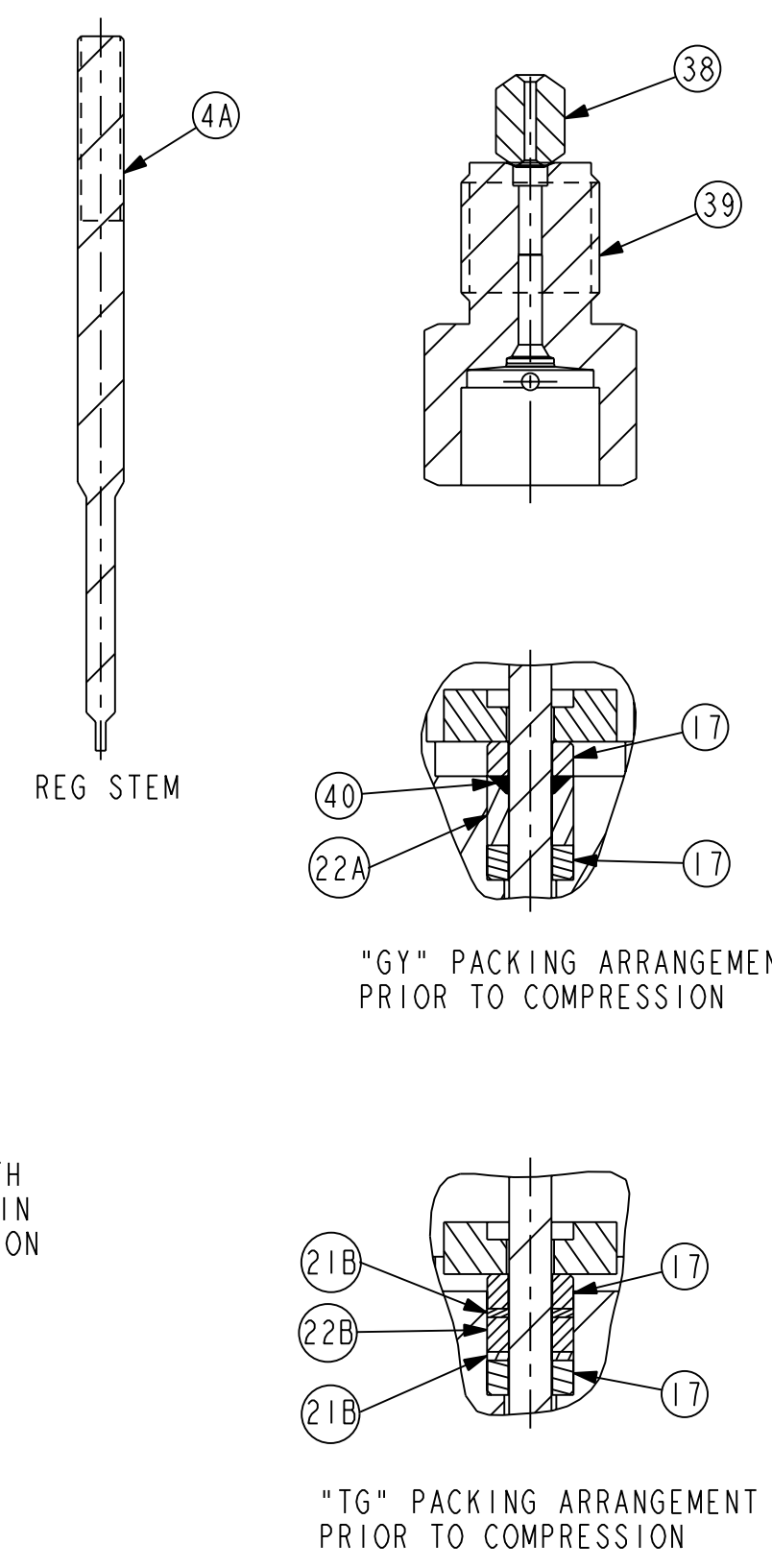
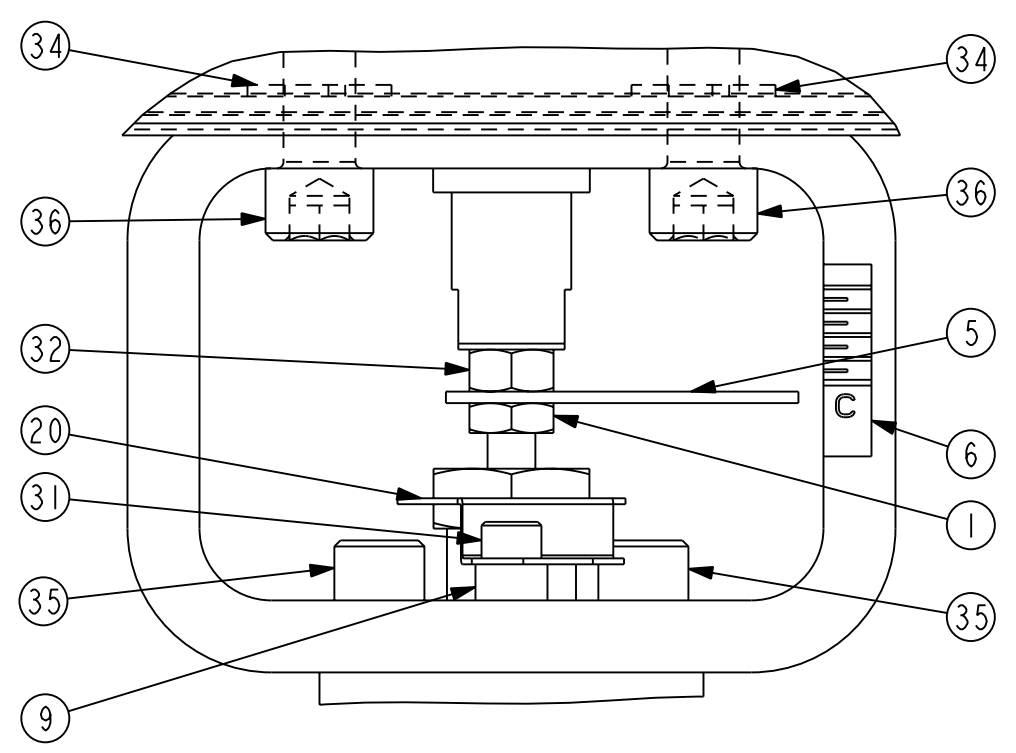
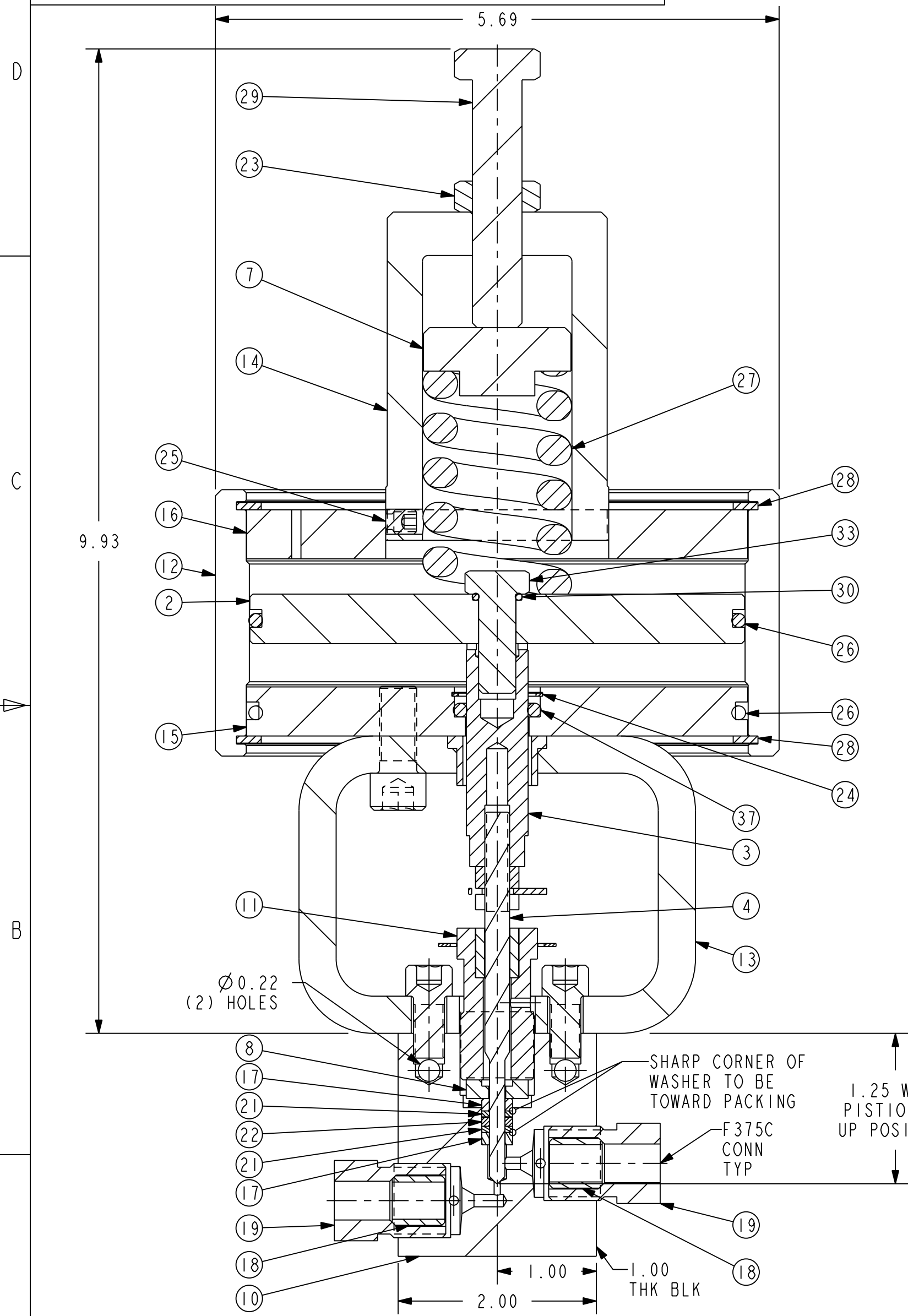


ASSY: ---- 4

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#	REVISION	BY: RPB	APP
4	REDRAWN; ADDED -GY & -TG PACKING ARRANGEMENT	DATE: 10/7/10	SAJ
		BY:	
		DATE:	

DESCRIPTION	BODY P/N	STEM TYPE	CATALOG NUMBER	STEM P/N
2 STEM MANIFOLD	2020-6457-YB	REG	60VM6085-OIS	101C-3928
2 WAY ANGLE REPLACEABLE SEAT	2020-6454-YB	VEE	60VM6075-OIS	101C-0475
		REG	60VM6882-OIS	101C-3928
3 WAY 1 ON PRESSURE	2020-6455-YB	VEE	60VM6872-OIS	101C-0475
		REG	60VM6084-OIS	101C-3928
3 WAY 2 ON PRESSURE	2020-6452-YB	VEE	60VM6074-OIS	101C-0475
		REG	60VM6083-OIS	101C-3928
2 WAY ANGLE	2020-6456-YB	VEE	60VM6072-OIS	101C-0475
		REG	60VM6082-OIS	101C-3928
2 WAY STRAIGHT	2020-6453-YB	VEE	60VM6081-OIS	101C-3928
		REG	60VM6071-OIS	101C-0475

MAX ALLOW WORKING PRESSURE: 60,000 PSI @ RT
 HYDROTEST PRESSURE: 75,000 PSI @ RT
 MAX ALLOW AIR PRESSURE: 100 PSI
 AIR PRESSURE REQD FOR OPERATION: 60 PSI
 PACKING GLAND TORQUE: 60 FT-LBS
 SEAT RETAINER TORQUE: 30 FT-LBS
 APPROX SPRING COMPRESSION AT MAX VALVE RATING: 0.38
 APPROX STEM LIFT AT MAX VALVE RATING: 0.25
 ALLOWABLE PISTON TEMP: -20°F TO 200°F
 AREA OF PISTON: 19.6 SQ IN.

#PER TABLE ABOVE
 *AS REQUIRED

Top Level Assembly BOM				
ITEM NO	QTY	PART No.	Description	Material
1	1	90550	HEX JAM NUT 1/4-28	STEEL ZINC PLATED
2	1	101B-9018	PISTON	ALUM
3	1	101C-0456	SHAFT	316 SS
4	1	101C-0475	VEE STEM	17-4
5	1	101C-0484	INDICATOR	300 SERIES SS
6	1	101C-0494	STEM POSITION DECAL	PLASTIC
7	1	1020-8912	SPRING SUPPRESSOR	C STEEL
8	1	1020-9447	BACK-UP WASHER	17-4PH
9	1	105A-2577	SPACER	304 SS
10	1	2020-6453-YB	VALVE BODY 3/8" 60VM	316 SS
11	1	202B-4929	PACKING GLAND ASSM	316 SS
12	1	301A-3640	HOUSING	ALUMINUM
13	1	301A-3641	YOKE ASSM	STEEL
14	1	3050-4752	SPRING HOUSING	ALUMINUM
15	1	305A-3639	BOTTOM COVER ATO	ALUM
16	1	306A-3639	TOP COVER ATO	ALUM
17	2	3130-1477	PACKING WASHER	17-4PH
18	2	ACL60	COLLAR	316 SS
19	2	AGL60	GLAND	316 SS
20	1	P-0323	LOCKING DEVICE	302 SS
21	2	P-0829	PACKING	NYLON
22	1	P-0830	PACKING	LEATHER
23	1	P-0878	HEX JAM NUT 1/2-13	STEEL
24	1	P-1391	RETAINING RING	C'STL
25	1	P-1718	HEX SOC SET SCREW, 1/4-20 X 0.31 LG, HDQG	STEEL
26	2	P-1720	O-RING UNIF #248	TFE. COATED
27	1	P-1723	SPRING 1 1/2 X 2 1/2 EHD 368LB / 1/8	CHROME-VANADIUM
28	2	P-1724	RETAINING RING	C'STL
29	1	P-1733	SCREW, HEX HD CAP, 1/2-13 X 2.50 LG	Cd PLATED STEEL
30	1	P-1834	O-RING UNIF #012, 90 DURO	BUNA-N
31	1	P-1995	SOC HD CAP SCREW, #10-24 X 0.38 LG	18-8 SS
32	1	P-3289	HEX NUT, 1/4-28	STEEL
33	1	P-3510	SCREW, HEX HD CAP, 3/8-16 X 1.00 LG	STEEL
34	2	P-8918	THREAD SEAL	BUNA-N/STEEL
35	2	P-8920	SOC HD CAP SCREW, 5/16-24 X 0.62 LG	ALLOY STEEL
36	2	P-8921	SOC HD CAP SCREW, 3/8-16 X 0.88 LG	ALLOY STEEL
37	1	P-8922	O-RING UNIF #208	BUNA-N
38	1	101B-1387	REPLACEABLE SEAT	17-4PH
39	1	101C-5962	SEAT RETAINER	316 SS

Optional Parts List					
ITEM No.	QTY	PART No.	Description	Material	Cat# Suffix
22A	1	P-8933	PACKING	GRAPHITE YARN 0°F TO 800°F	-GY
40	1	101A-5589	WEDGE RING	BERYLCO	-GY
21B	2	90865	PACKING	PEEK	-TG
22B	1	P-8713	PACKING	TEFLON GLASS 0°F TO 600°F	-TG
4B	1	102C-0475-C	VEE STEM	N-DURA	-CS
4C	1	104C-0475	VEE STEM	STELLITE	-STS
38A	1	105B-1387-C	REPLACEABLE SEAT	N-DURA	-CSS
38B	1	102B-1387	REPLACEABLE SEAT	STELLITE	-SRS

P/N: 60VM6XXX-OIS
 MATERIAL: 316 SS
 P/S: - REF PART: NONE
 DWN: BMH 6/24/87 APPVD: SGR
 DO NOT SCALE DRAWING

AT Snap-tite, Inc. - Erie, Pennsylvania, U. S. A.
 Autoclave Engineers Division

AIR OPERATED VALVE ASSEMBLY
 3/8" 60VM-OIS

SIZE: C EWO: STD DWG. NO.: 30A-0615 REV: 4
 SCALE: 15:16 H4-1 CODE: 78357 SHEET: 1 OF 1

CONTROL DRAWING