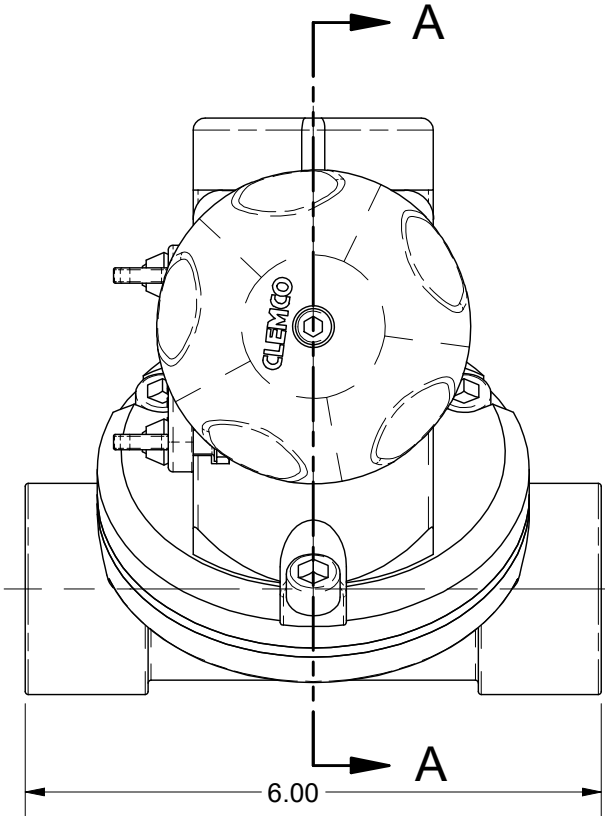
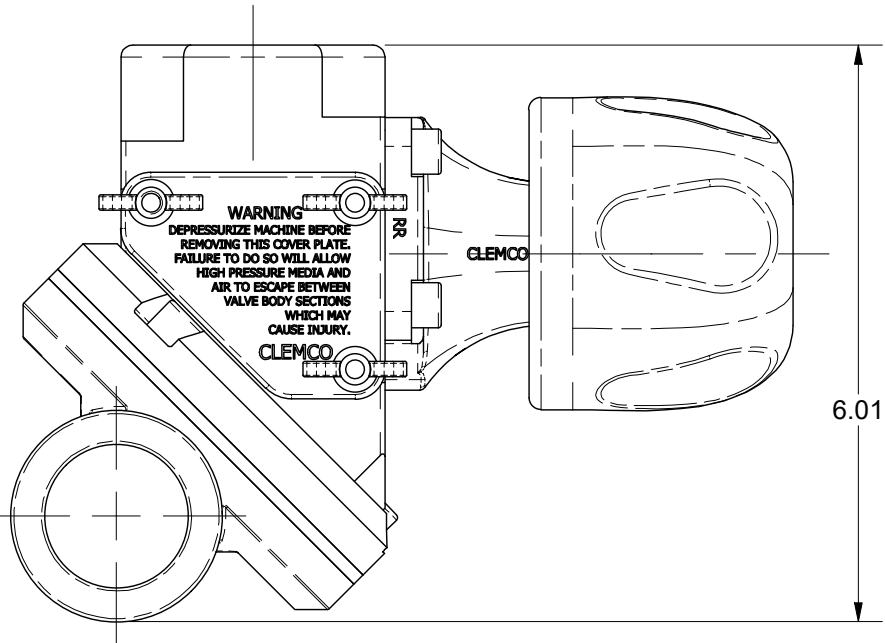
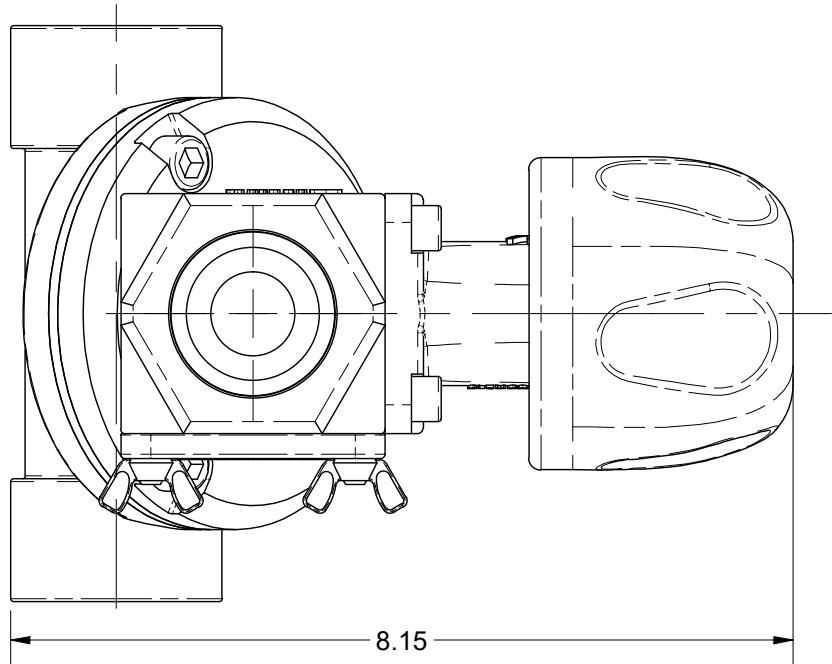
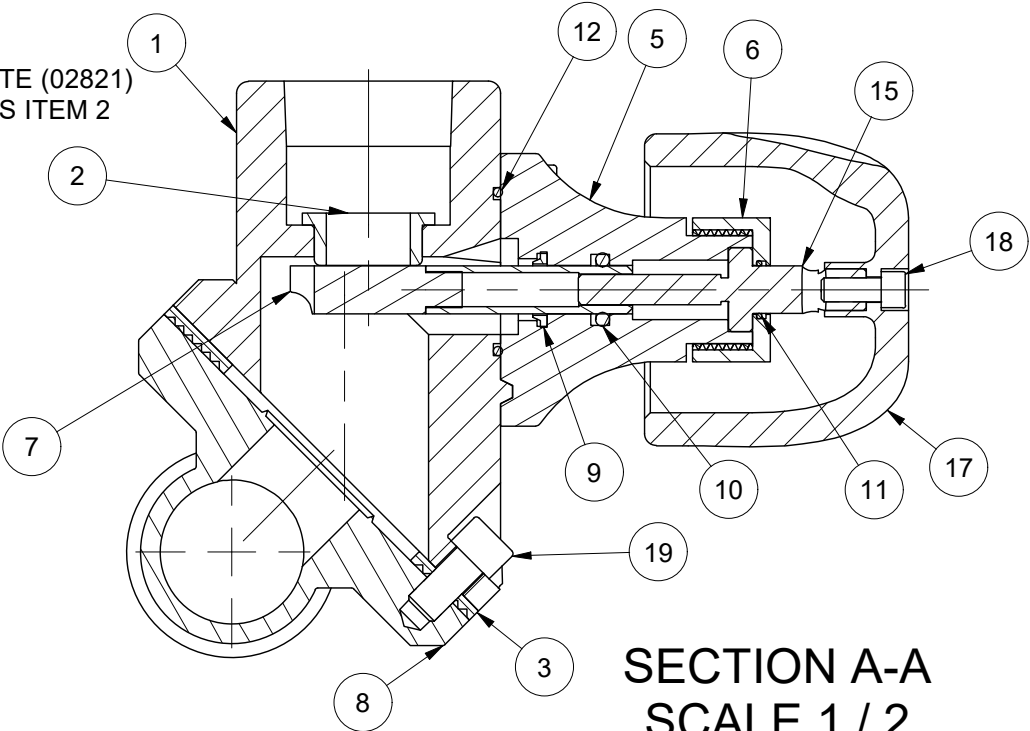




ITEM	STOCK NO.	ITEM QTY	DESCRIPTION	WT. (LBS)	DWG NO or CUT SIZE
1	25598	1	ADAPTOR FLANGE	2.1	B25598
2	25599	1	HARDENED INSERT ~ ADAPTOR FLANGE-QUANTUM VALVE	.1	B25599
3	21322	1	LOWER GASKET QUANTUM VALVE	.0	B21322
4	22620	1	CLEANOUT COVER FOR ADPTR FLANGE	.3	B22620
5	22761	1	REAR HOUSING QUANTUM KNOB ADJUST	.5	B22761
6	22762	1	COVER NUT KNOB ADJUST QUANTUM	.1	B22762
7	22763	1	METERING PLATE & SHAFT KNOB ADJUST QUANTUM	.2	B22763
8	31606	1	QUANTUM VALVE 1.25 NPT FLANGE MACH'D OUTLET PIPE	1.6	B31606
9	22624	1	FRONT WIPER SEAL, QUANTUM	.0	S22624
10	22609	1	SMALL O-RING QUANTUM VALVE	.0	S22609
11	22765	1	O-RING 1/2 X 5/8 X 1/16 OD 70D	.0	S22765
12	22623	2	ORING - AQV	.0	S22623
13	03052	3	1/4-20 UNC - 0.75 HHCS	.0	S03052
14	03113	3	1/4 - 20 Regular Wing Nut	.0	S03113
15	22764	1	METERING SCREW KNOB ADJUST QUANTUM	.1	B22764
16	22767	4	5/16 - 18 UNC - 3/4 SHCS ZINK PLT	.0	S22767
17	31103	1	GRITWIZARD VALVE ADJUSTMENT KNOB	.4	B31103
18	31126	1	1/4 - 20 UNC - 5/8 18-8 SS SHCS	.0	S31126
19	22655	3	3/8 - 16 UNC - 3/4 SHCS	.0	S22655

SEE 31607 B.O.M. SUPPLEMENTAL INFORMATION SHEET FOR ASME MATERIAL GRADES

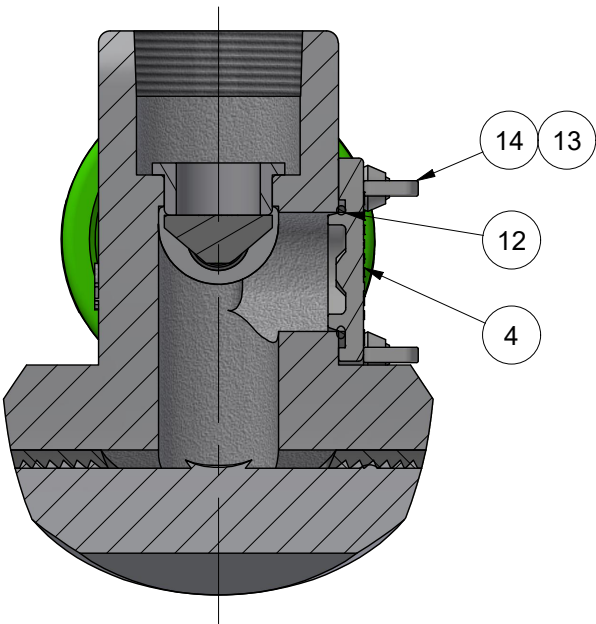
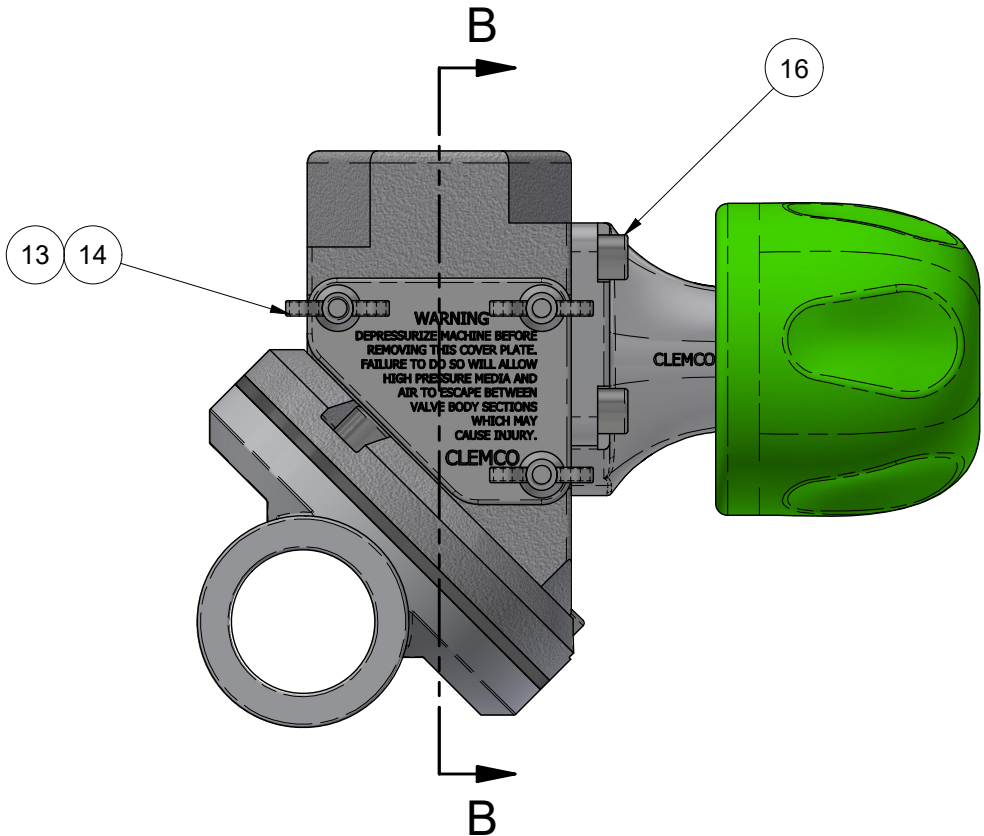
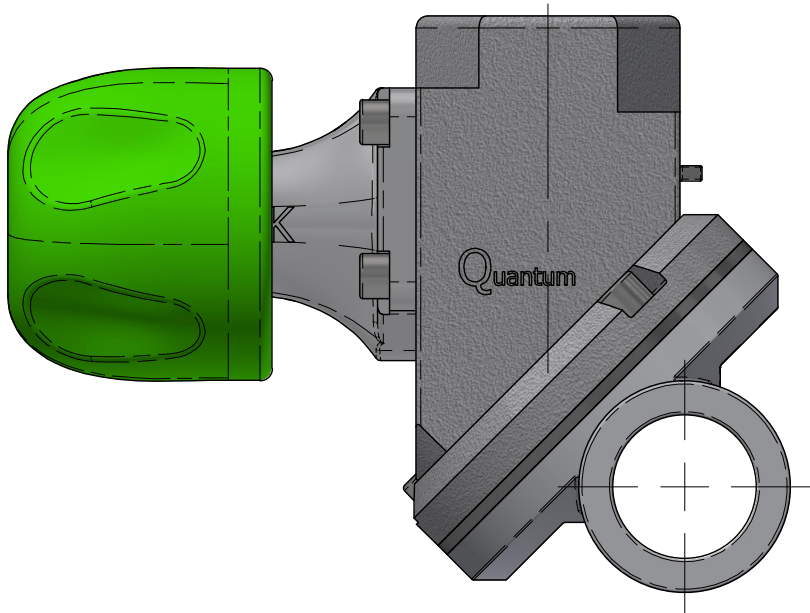
APPLY RED LOCTITE (02821)
TO ITEM 1 & PRESS ITEM 2
IN PLACE



0	4-15-24	Z3704	ISSUE	GS	LME
NO.	DATE	ECN. NO.	REVISION	BY	APPD

TOLERANCE NOTES: UNLESS OTHERWISE SPECIFIED				GENERAL NOTES:						1				
				1. UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES.				JOB NO.		CUSTOMER		QUAN.		
				2. REMOVE ALL BURRS, WELD SPLATTER, ETC. FROM WELDMENTS.				CLEMCO INDUSTRIES CORP.						
				3. ROUND ALL SHARP CORNERS AND EDGES.				VALVE, MQV PRO-1.25 NPT (Internal						
				4. SURFACE FINISH 125 RMS, UNLESS OTHERWISE NOTED.				Working Press. 150PSI @ 350 F.)						
				5. THE ALLOWABLE DEVIATION IN MATERIAL THICKNESS FOR CASTING GATES, OVERFLOWS, AND PARTING LINES IS:				DRWN. BY		DATE		NET WT.	SCALE	
				PROTRUSION: 0.020 MAXIMUM				GS		8/29/2023		0.7 LBS	DO NOT SCALE	
				DEPRESSION: 0.010 MAXIMUM				CHKD.				TOT. WT.	DWG NO.	
				TOLERANCES ON CAST OR MACHINED FILLETS AND CHAMFERS SHALL BE ± 0.010 AND ± 5° RESPECTIVELY.								0.7 LBS	31607	
								APPD.				TOL. LEV.	REV.	SHEET 1 OF 2
												2	0	
TOLERANCE LEVELS LEVEL 1 LEVEL 2 LEVEL 3														
FRACTIONS	± 1/8	± 1/16	± 1/32											
.XX	± 0.06	± 0.03	± 0.01											
.XXX	± 0.031	± 0.015	± 0.005											
ANGLES	± 1°	± 1/2°	± 1/2°											
PARALLELISM		0.015 TIR	0.002 TIR											
CONCENTRICITY		0.005 TIR	0.002 TIR											
OUT OF ROUND		0.005 TIR	0.002 TIR											
OUT OF SQUARE		.015	.002											
HOLE SIZE	+ 1/16 - 0.000	+ 1/32 - 0.000	+ 0.010 - 0.000											

NOTE: THIS DRAWING, OR ANY PORTION THEREOF, IS THE CONFIDENTIAL PROPERTY OF CLEMCO INDUSTRIES CORP.. IT IS NOT TO BE DUPLICATED OR ALTERED IN ANY MANNER, MANUALLY OR ELECTRONICALLY, AND IS NOT TO BE SUBMITTED TO OUTSIDE PARTIES, IN THIS OR ANY OTHER FORMAT, WITHOUT OUR WRITTEN CONSENT.



SECTION B-B
SCALE 1 / 2

TOLERANCE NOTES: UNLESS OTHERWISE SPECIFIED				GENERAL NOTES: 1. UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES. 2. REMOVE ALL BURRS, WELD SPLATTER, ETC. FROM WELDMENTS. 3. ROUND ALL SHARP CORNERS AND EDGES. 4. SURFACE FINISH 125 RMS, UNLESS OTHERWISE NOTED. 5. THE ALLOWABLE DEVIATION IN MATERIAL THICKNESS FOR CASTING GATES, OVERFLOWS, AND PARTING LINES IS: PROTRUSION: 0.020 MAXIMUM DEPRESSION: 0.010 MAXIMUM 6. TOLERANCES ON CAST OR MACHINED FILLETS AND CHAMFERS SHALL BE ± 0.010 AND ± 5° RESPECTIVELY.						1	
								JOB NO.	CUSTOMER		
								CLEMCO INDUSTRIES CORP.			
								VALVE, MQV PRO-1.25 NPT (Internal Working Press. 150PSI @ 350 F.)			
				DRWN. BY GS	DATE 8/29/2023	NET WT. 0.7 LBS	SCALE DO NOT SCALE				
				CHKD.		TOT. WT. 0.7 LBS	DWG NO. 31607				
				APPD.		TOL. LEV. 2	REV. 0	SHEET 2 OF 2			

TOLERANCE LEVELS			
	LEVEL 1	LEVEL 2	LEVEL 3
FRACTIONS	± 1/8	± 1/16	± 1/32
.XX	± 0.06	± 0.03	± 0.01
.XXX	± 0.031	± 0.015	± 0.005
ANGLES	± 1°	± 1/2°	± 1/2°
PARALLELISM		0.015 TIR	0.002 TIR
CONCENTRICITY		0.005 TIR	0.002 TIR
OUT OF ROUND		0.005 TIR	0.002 TIR
OUT OF SQUARE		.015	.002
HOLE SIZE	+ 1/16 - 0.000	+ 1/32 - 0.000	+ 0.010 - 0.000

0	4-15-24	Z3704	ISSUE	GS	LME
NO.	DATE	ECN. NO.	REVISION	BY	APPD