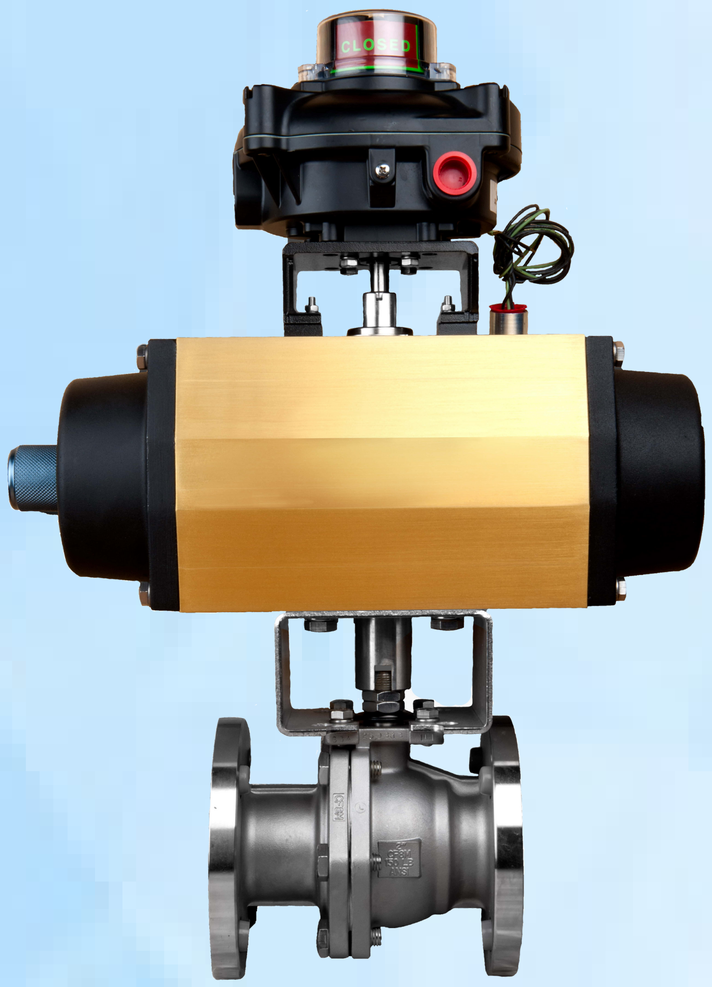
GUIDE VALVE LIMITED

VCI®

CSA & FM Global Certified Emergency Safety Shut-Off Valves



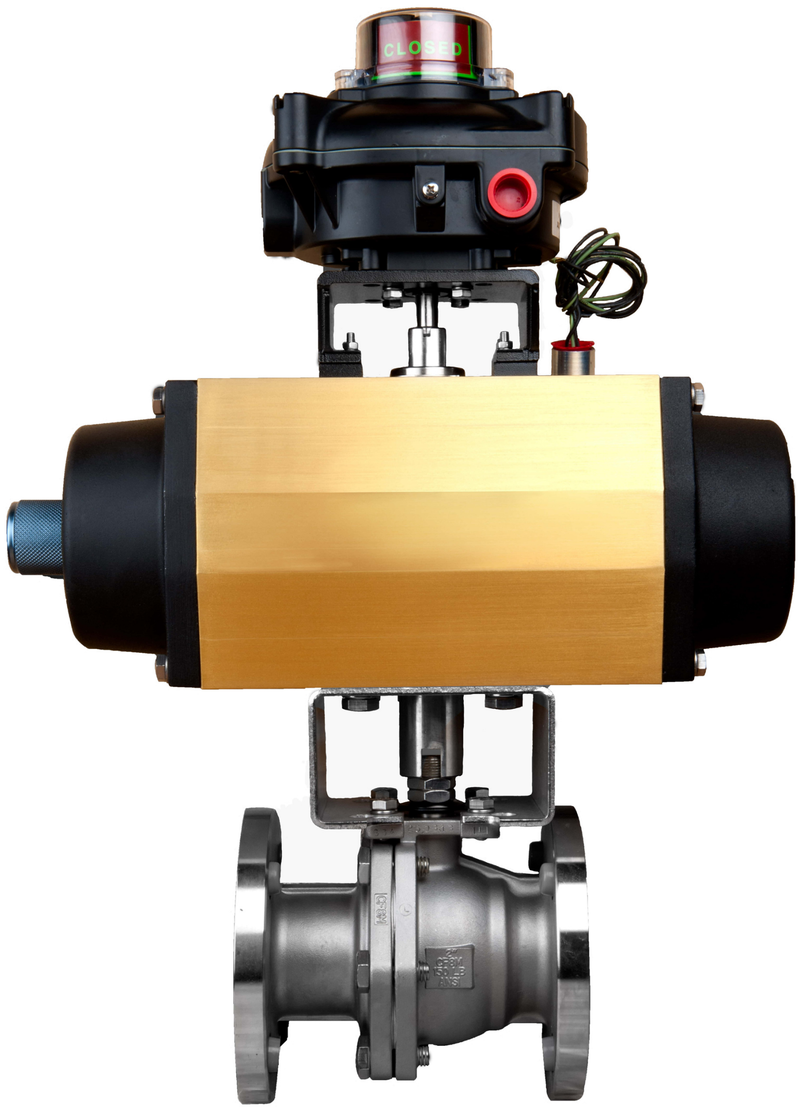
CERTIFIED

FM APPROVED

F200K Actuated Units

- CSA and FM Certified for -40°C to +65°C (-40°F to +149°F)
- Valve Sizes: ½” to 8”, Class 150# & 300# A.N.S.I
- Certified to 285 PSI for ½” – 4” & 125 PSI for 6” – 8”
- 2 piece body, Full Port
- Available in 1351-CF8M, A216-WCB, A352-LCC/LCB and A395-Ductile Iron.
- I.S.O. 5211 Neck Pad
- Solid Ball-Standard
- Blowout-proof stem
- Live loaded seats & stems
- Bi Directional & Uni Directional
- Fire Safe Certified, ANSI/API Standard 607, 6th Edition, 2010. ISO 10497-2010
- SIL 3 Certified by 3rd party organization: FSES

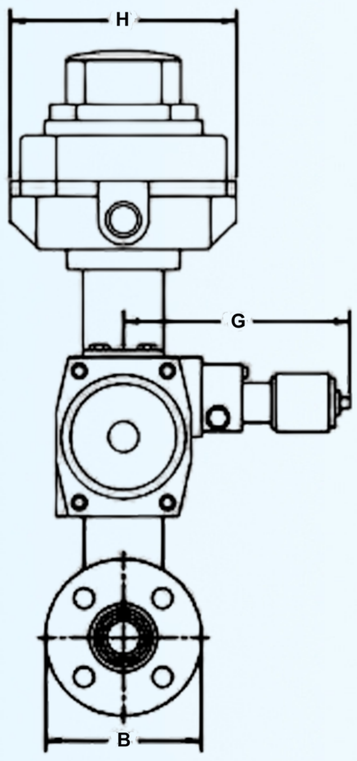
Manufactured & Tested to:
A.S.M.E. / ANSI B16.5, B16.34; MSS SP-72, API 608;
N.A.C.E. MR 0715; API 6D, API-598

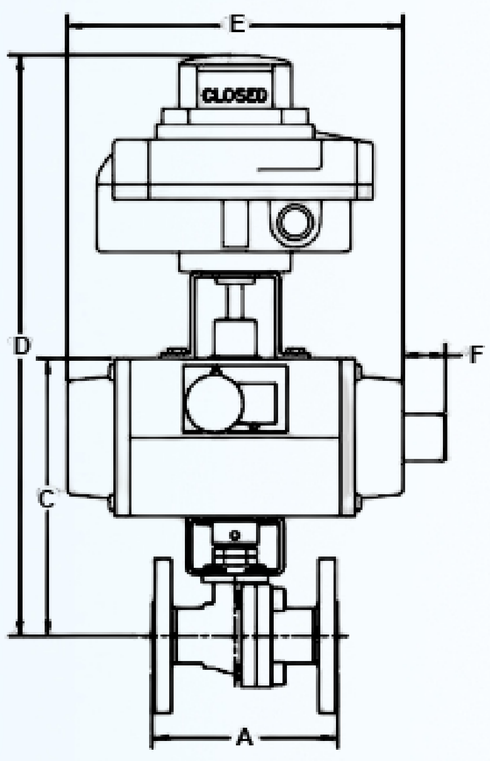


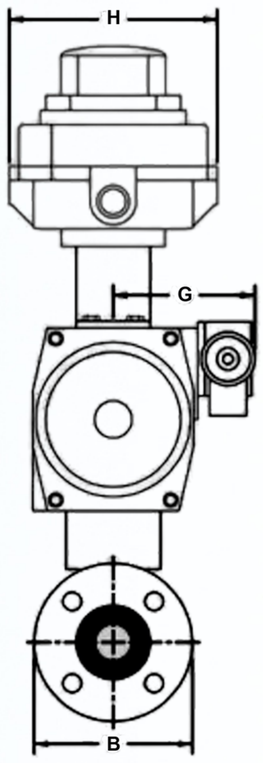
Dimensions - Series F200K

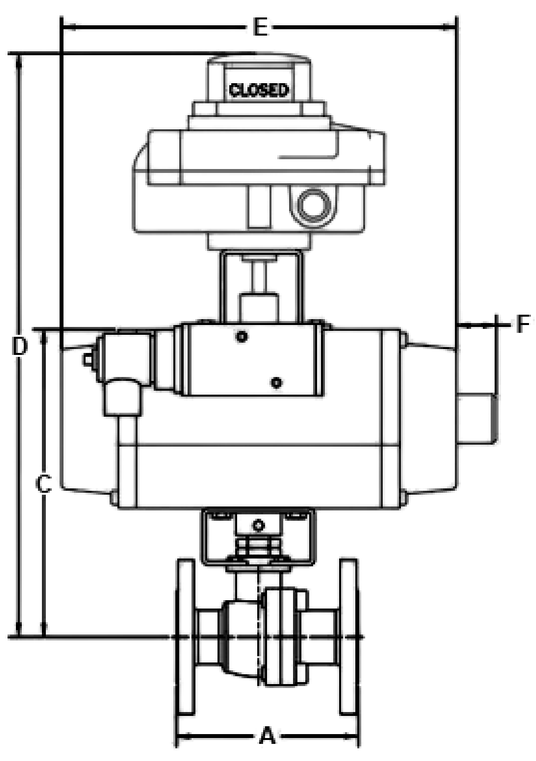
Valve Size	A	B	C	D	E	F	G	H
1/2	4.250	3.500	6.725	14.285	9.450	1.062	5.600	6.891
3/4	4.625	3.875	6.925	14.500	9.450	1.062	5.600	6.891
1	5.000	4.250	8.465	16.025	10.866	1.100	3.825	6.891
1 1/2	6.500	5.000	10.850	18.800	12.200	1.575	4.330	6.891
2	7.000	6.000	11.675	19.625	14.410	1.535	4.145	6.891
2 1/2	7.500	7.000	13.435	21.000	15.275	2.125	4.487	6.891
3	8.000	7.500	13.675	21.240	15.275	2.125	4.487	6.891
4	9.000	9.000	17.950	25.513	22.165	1.929	5.467	6.891
6	15.500	11.000	20.390	27.955	22.165	1.929	5.467	6.891
8*	19.500	13.500	22.202	29.765	22.165	1.929	5.467	6.891

All dimensions in inches









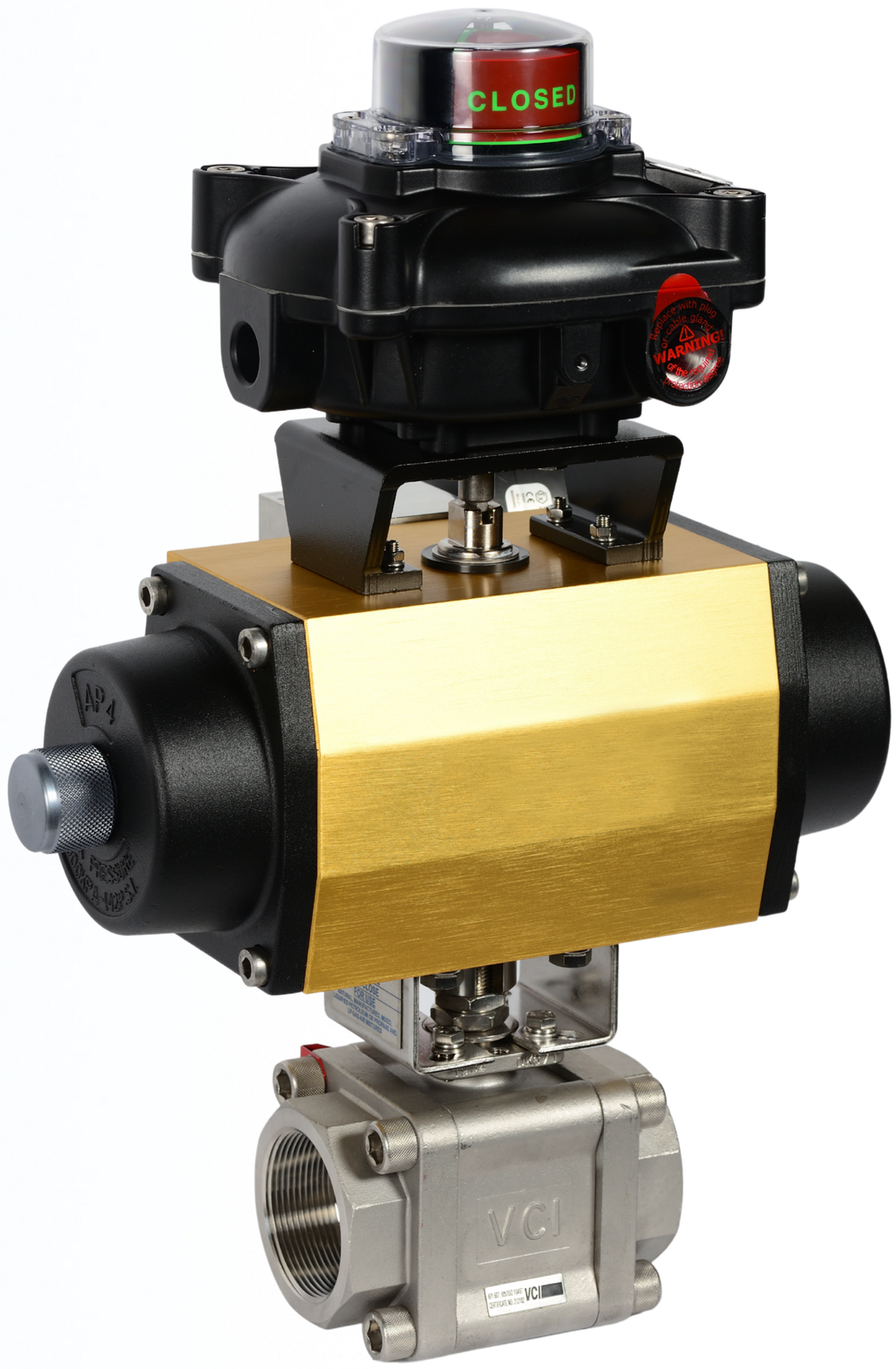
CSA CERTIFIED

FM APPROVED

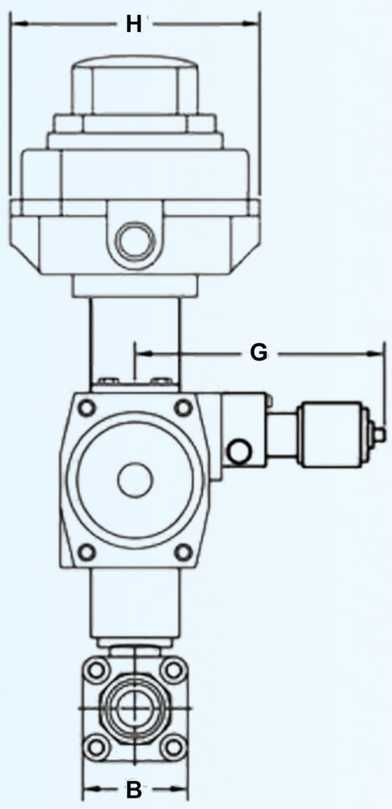
201F Actuated Units

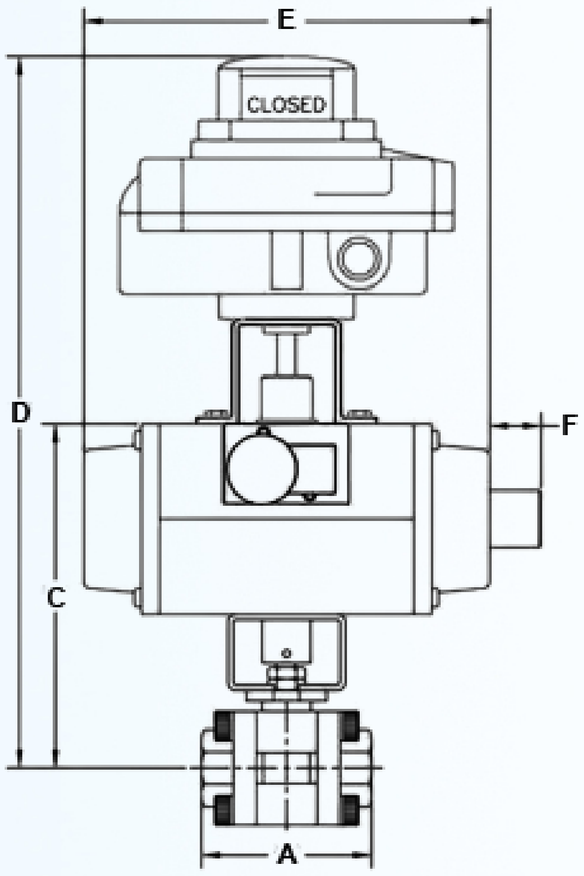
- CSA and FM Certified for -40°C to +65°C (-40°F to +149°F)
- Certified to 600 WOG
- Valves Sizes ¼" to 2"
- Regular & Full Port
- ISO 5211 Neck-pad
- 3 piece body with internal entry stem & enclosed cap bolts
- Adjustable stem packing with blow-out proof stem
- Live loaded seats
- Available in threaded, socket-weld, or butt-weld ends
- Available in A351-CF8M, A216-WCB, and A352-LCC/LCB
- Bi Directional &Uni Directional
- Fire Safe Certified, ANSI/API Standard 607, 6th Edition, 2010. ISO 10497-2010
- SIL 3 Certified by 3rd party organization: FSES

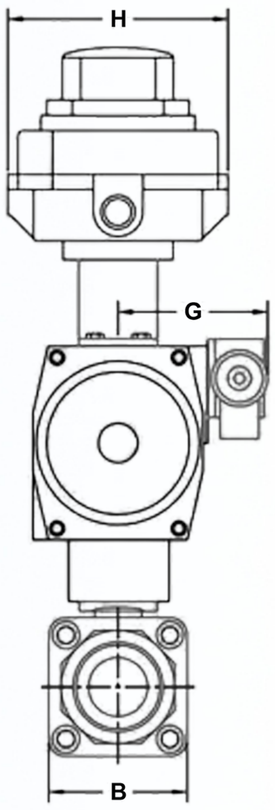
Manufactured & Tested to:
A.S.M.E. / ANSI B16.5, B16.34; MSS SP-72, API 608;
N.A.C.E. MR 0715; API 6D, API-598

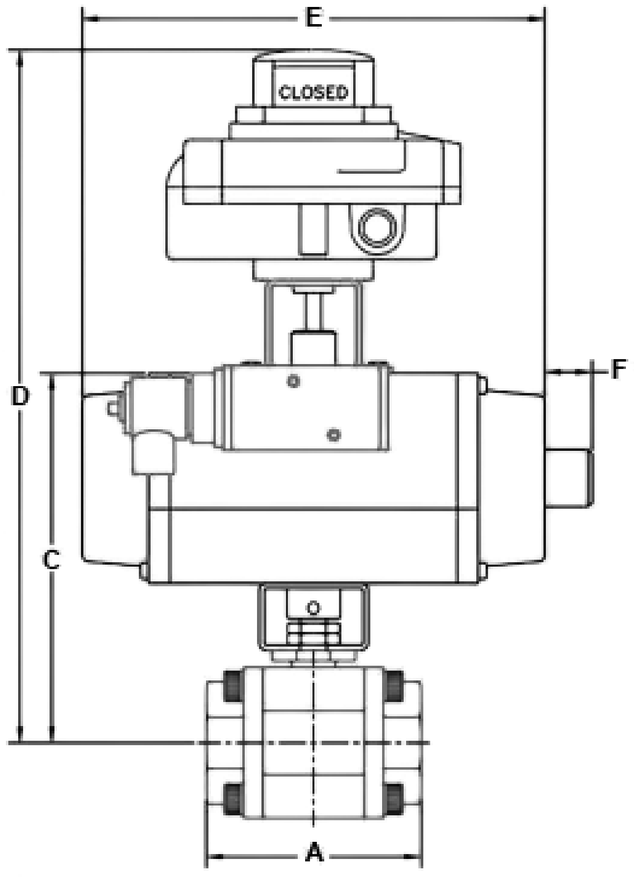


Dimensions - Series 201F								
Valve Size	A	B	C	D	E	F	G	H
1/4	2.720	1.800	5.925	9.195	6.100	0.630	5.412	6.891
3/8	2.720	1.800	5.925	9.195	6.100	0.630	5.412	6.891
1/2	2.720	1.800	5.925	9.195	6.100	0.630	5.412	6.891
3/4	2.040	2.090	6.100	13.665	6.100	0.630	5.412	6.891
1	3.500	2.350	7.110	14.675	8.380	1.063	5.600	6.891
1 1/4	3.900	2.900	7.687	15.250	9.290	1.260	3.615	6.891
1 1/2	4.420	3.100	7.842	15.405	9.290	1.260	3.615	6.891
2	5.040	3.500	8.662	16.225	10.866	1.100	3.815	6.891
All dimensions in inches								









CSA CERTIFIED

FM APPROVED

F100 Actuated Units

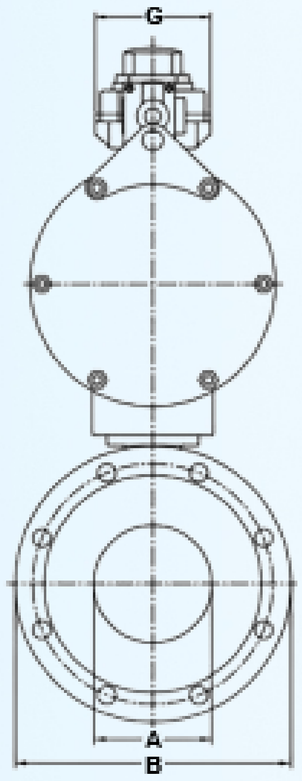
- CSA and FM Certified for -29°C to +65°C (-20°F to +149°F)
- Valve Sizes: 4”, 6” & 8”, Class 150# & 300# A.N.S.I.
- Certified to 285 PSI
- 1 piece body design, Reduced Port
- Available in WCB, LCB, and CF8M
- I.S.O. Neck Pad
- Solid ball-standard
- Blowout-proof stem
- Live loaded seats & stems
- Bi Directional & Uni Directional
- Fire Safe Certified, ANSI/API Standard 607, 6th Edition, 2010. ISO 10497-2010
- SIL 3 Certified by 3rd party organization: FSES

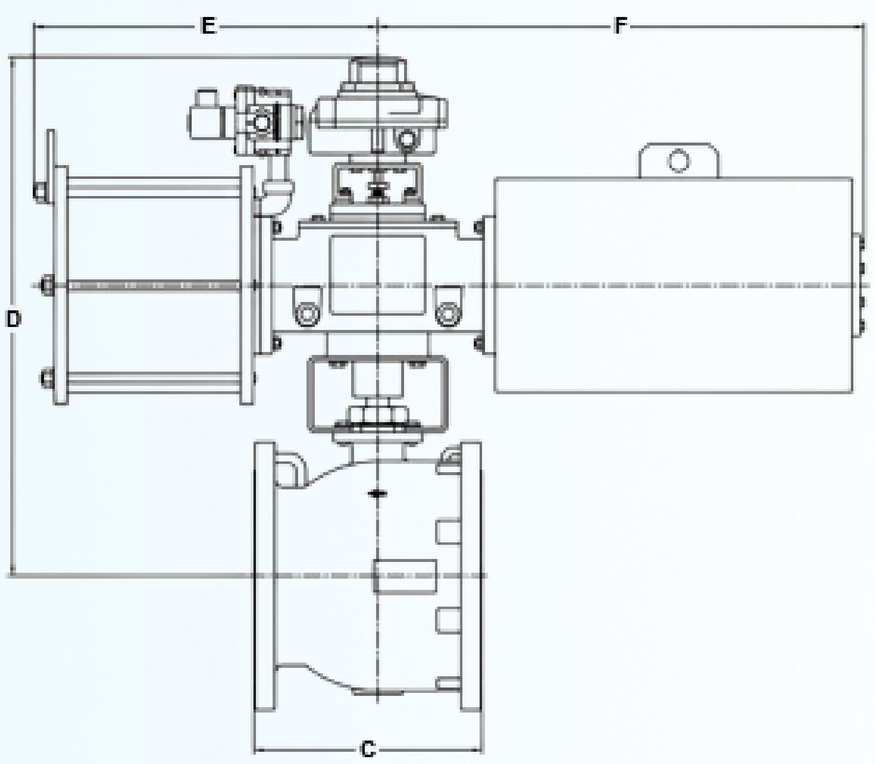
Manufactured & Tested to:
A.S.M.E. / ANSI B16.5, B16.34; MSS SP-72, API 608:
N.A.C.E. MR 0715; API 6D, API-598

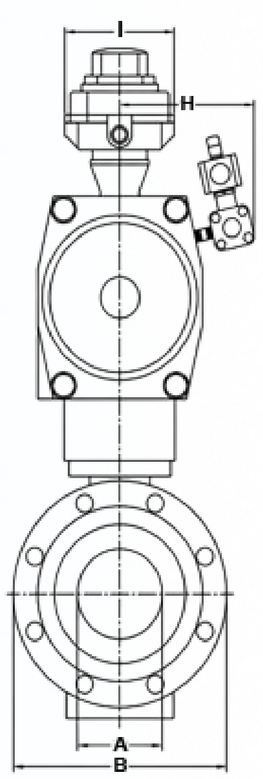
Dimensions - Series F100

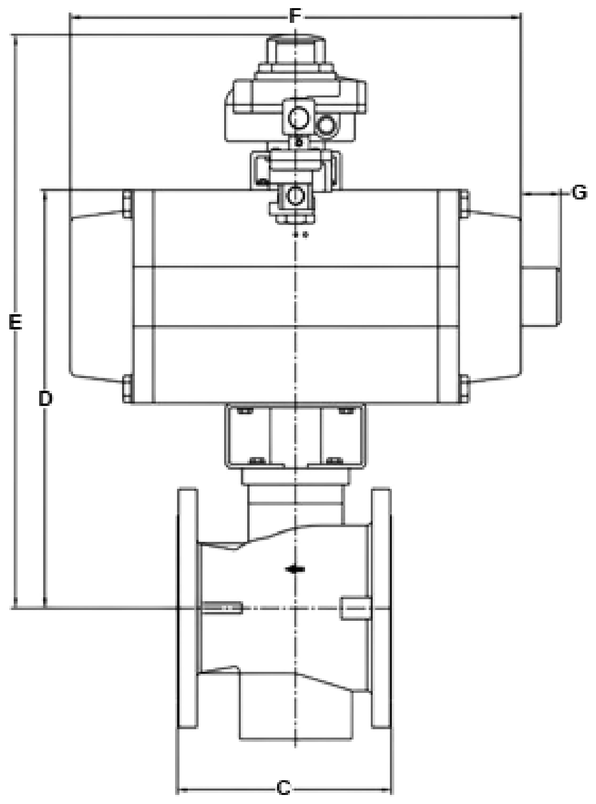
Valve Size	A	B	C	D	E	F	G	H	I
4	3.000	9.000	9.000	15.720	23.410	18.250	1.350	5.466	5.605
6	4.375	11.000	10.500	19.290	27.660	22.165	2.115	7.375	5.605
8	5.688	13.500	11.500	26.000	17.377	24.575	5.605	N/A	N/A

All dimensions in inches









CERTIFIED

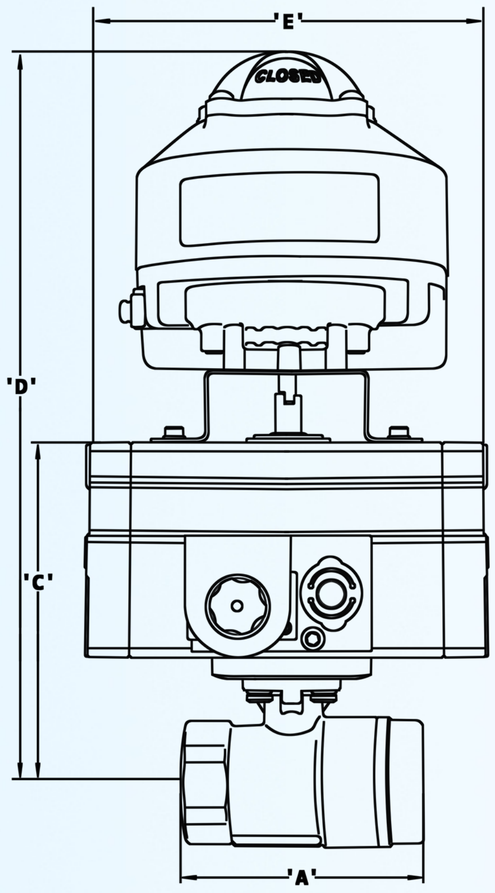
FM APPROVED

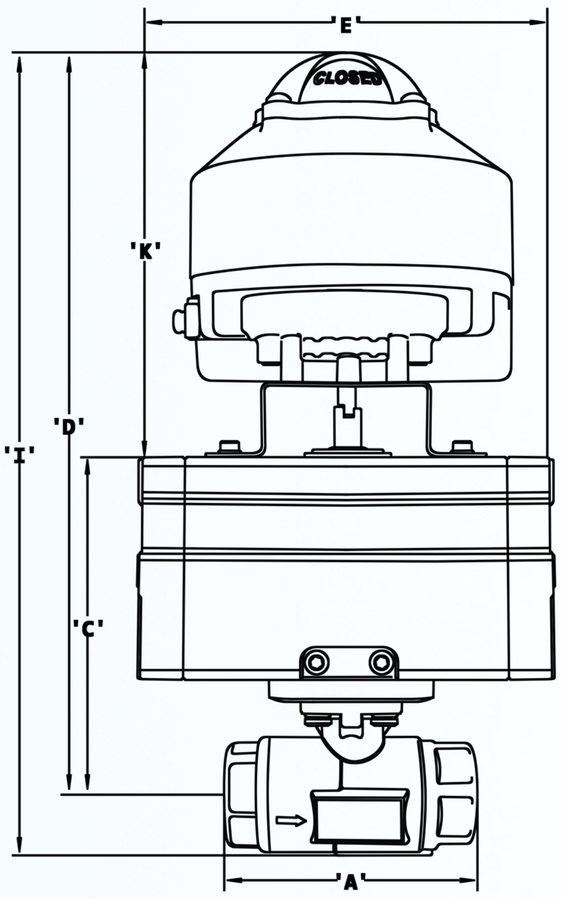
260 Actuated Units

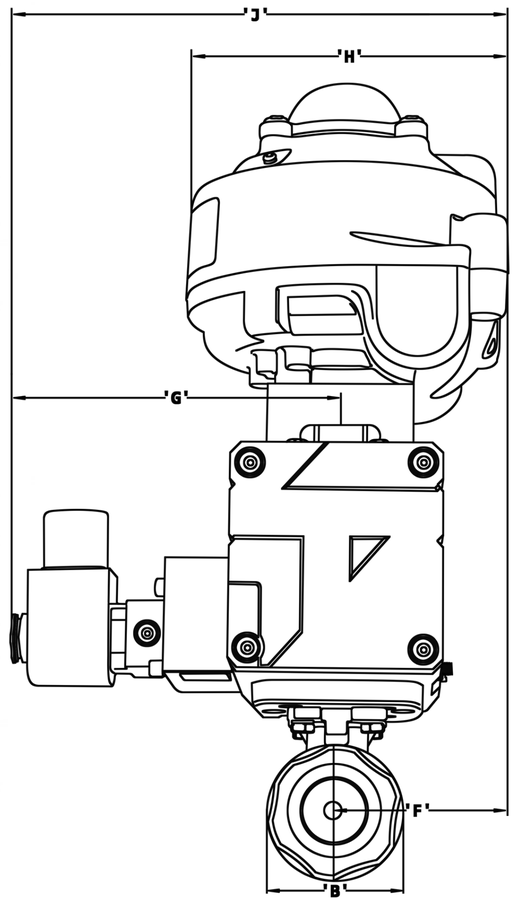
- FM Approved, 1 Second or Less Shut-Off actuated units
- CSA Certified Emergency Safety Shut-Off Valve actuated units
- Valve Sizes ½” to 2”
- Certified to 175 psi
- Floating type ball valve
- 2-Piece body, regular port
- Live loaded seats
- Actuated units certified to temperature range of -45°C (-49°F) to +65°C (+149°F)
- Manual valves certified to temperature range of -40°C (-40°F)
- NPT end connections only
- Firesafe design

Manufactured & Tested to:
A.S.M.E. / ANSI B16.5, B16.34; MSS SP-72, API 608;
N.A.C.E. MR 0715; API 6D, API-598

Dimensions - Series 260											
Valve size	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**
1/2	2.795	1.378	4.870	10.827	5.906	2.421	4.862	4.724	11.496	7.280	5.957
3/4	3.220	1.406	4.961	10.945	5.906	2.421	4.862	4.724	11.575	7.276	5.957
1	3.551	1.929	5.039	10.996	5.906	2.421	4.862	4.724	11.890	7.276	5.957
1/2	4.232	2.776	6.370	12.323	7.370	2.421	4.409	4.724	13.780	6.807	5.957
2	4.921	3.150	8.071	14.043	8.039	2.421	4.921	4.724	20.079	7.343	5.957
All dimensions in inches											







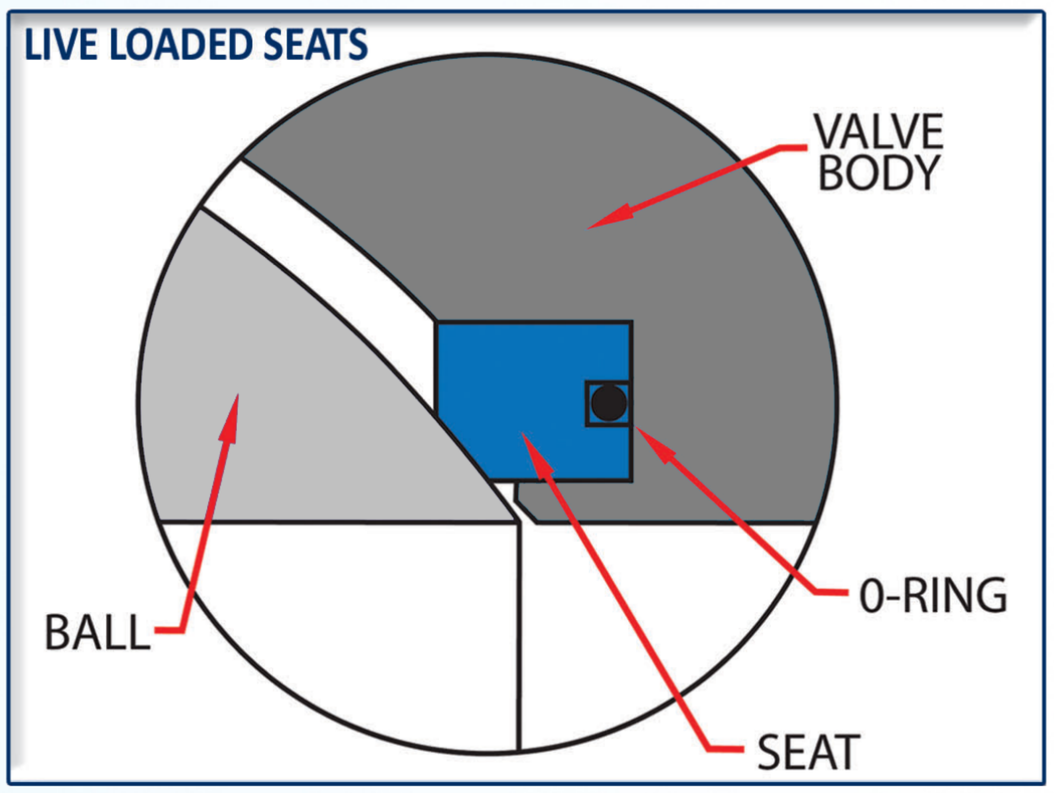
CSA CERTIFIED

FM APPROVED

VCI BETTER BY DESIGN

GVS developed a unique "Live Loaded" seating ball valve design to guarantee shut-off integrity at low temperatures (-40 ˚ C/-40°F - 65 C/149 ˚F), and low to variable pressures for Natural Gas applications and more.

FEATURES



- ***Continuous full contact between seat and ball for both upstream & downstream seats.***
- ***Eliminates possible entrapment of dirt and debris.***
- ***Predictable, constant valve operating torques at variable temperatures and pressures.***
- ***Longer cycle life.***

The "live loading" of the soft seat is accomplished by the installation of an elastomeric o-ring in a machined recess behind the seats. The natural material characteristics of the o-ring provide the energy required to energize the seat/ball interface under all pressure and temperature conditions.

Approval and accreditation to the stringent Live Functional Pressure testing requirements of CSA International and FM Global, serves as validation that our products are "Better by Design". VCI ™ valves hold certifications with both CSA International and FM Global, after 100,000 cycles under various pressures and temperatures, VCI ™ ball valves performed "Bubble-Tight Shut-Off" results for size ranges ¼" to 8" after stringent testing per CSA International and FM Global.

Note: Obtainment of "Bubble-Tight Shut-Off" seat to ball at ¼ PSI with utilization of nitrogen.

Compared to traditional designs, which utilize a conventional seating arrangement, (ie: Soft Seats only), are suspectible to premature failure under varying conditions, allows for relaxation between the ball and seat, resulting in leakage, particularly on hard to hold surfaces such as Natural Gas at low temperatures. Similar circumstances and premature failure also occurs under higher temperature conditions, where e.g. Teflon has a tendency to soften and "creep" after a prolonged period of time.

www.gvs-vci.com

FM APPROVED

CSA CERTIFIED

ASCO numatics

SIRCA INTERNATIONAL

SOLDO CONTROLS

TRUTORQ ITALIA