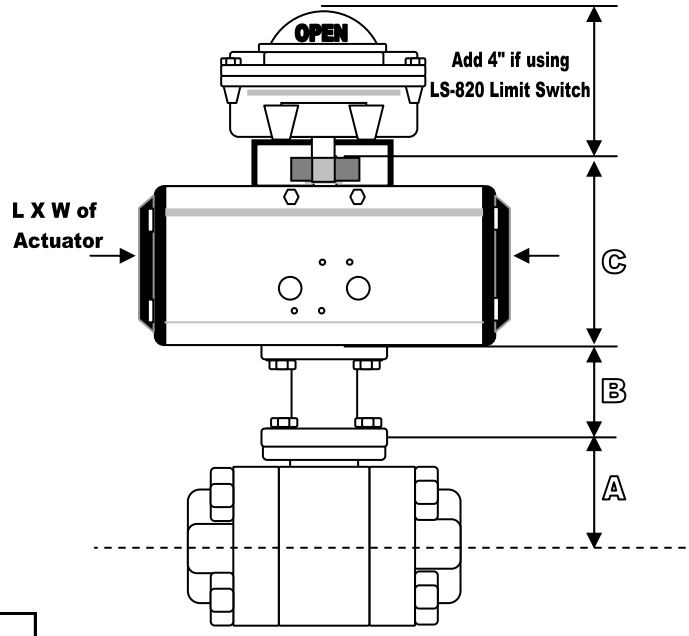
Use this document to develop envelope dimensions for automated valve assemblies.

Dimensions are MAX to allow for tolerances and slight variations that may be necessary for actuator mounting or sizing. All dimensions are inches.

Series "8" Ball Valve

Size	A	B*
1/4", 3/8", 1/2"	1.1	1.5
3/4"	1.3	1.5
1"	1.5	2"
1.2"	1.5	2"
1.5"	1.7	2"
2"	1.9	3"
2.5"	2.2	3"

B* Mounting Kit height may vary slightly based on actuator sizing.
Dimension "B" is Max.



aero2

Actuator Dimensions (In.)

Model	L (Length)	W (Width)	C
A2-020	5.8	2.8	3.6
A2-035	6.6	3.3	4.2
A2-050	7.3	3.7	4.7
A2-075	8	4	5
A2-110	10.4	4.3	5.4
A2-160	10.6	4.8	6
A2-255	11.7	5.7	6.9
A2-400	15.4	6	7.5
A2-500	18	6.9	8.5
A2-550	20.8	8.2	9.9
A2-600	22.2	9	10.8
A2-650	23.8	10.2	12.2
A2-700	27.8	11.5	13.7

Options & Accessories

Add the following dimensions to the 4" shown for LS-820 if an alternate top mounted accessory is used.

Limit Switch			*Positioner*	
	Add (in.)	Rating		Add (in.)
SVF			V-700	1"
LS-820	0	NEMA-4		
Moniteur				
	3"	NEMA-4	*Pilot Valve*	Add to "W"
	3"	NEMA-7		1.5"
Westlock				
	3"	NEMA-4		
	3"	NEMA-7		

For SVF Use

Package Components

Valve Size	Complete Valve Model Number	Actuator Model	Complete Actuator Model Number	Limit Switch? Y/N

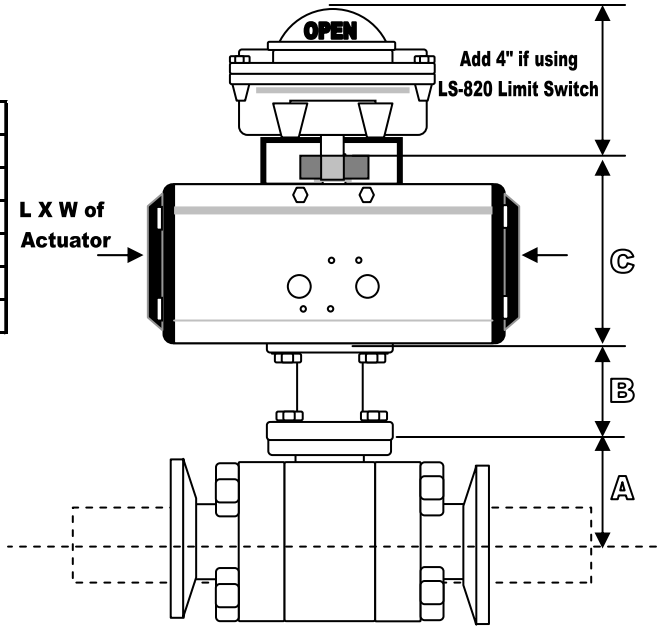
Use this document to develop envelope dimensions for automated valve assemblies.

Dimensions are MAX to allow for tolerances and slight variations that may be necessary for actuator mounting or sizing. All dimensions are inches.

Series "SB7" & "SB7F" Ball Valve

Size	A (In.)	B*(In.)
1/2"	1.3	1.5
3/4"	1.6	1.5
1"	1.6	2
1.5"	2	2
2"	2.2	3
2.5"	3.8	3

B* Mounting Kit height may vary slightly based on actuator sizing.
Dimension "B" is Max.



aero2

Actuator Dimensions (In.)

Model	L (Length)	W (Width)	C
A2-020	5.8	2.8	3.6
A2-035	6.6	3.3	4.2
A2-050	7.3	3.7	4.7
A2-075	8	4	5
A2-110	10.4	4.3	5.4
A2-160	10.6	4.8	6
A2-255	11.7	5.7	6.9
A2-400	15.4	6	7.5
A2-500	18	6.9	8.5
A2-550	20.8	8.2	9.9
A2-600	22.2	9	10.8
A2-650	23.8	10.2	12.2
A2-700	27.8	11.5	13.7

Options & Accessories

Add the following dimensions to the 4" shown for LS-820 if an alternate top mounted accessory is used.

Limit Switch			*Positioner*	
	Add (in.)	Rating		Add (in.)
SVF			V-700	1"
LS-820	0	NEMA-4		
Moniteur				
	3"	NEMA-4	*Pilot Valve*	**Add to "W"**
	3"	NEMA-7		1.5"
Westlock				
	3"	NEMA-4		
	3"	NEMA-7		

For SVF Use

Package Components

Valve Size	Complete Valve Model Number	Actuator Model	Complete Actuator Model Number	Limit Switch? Y/N

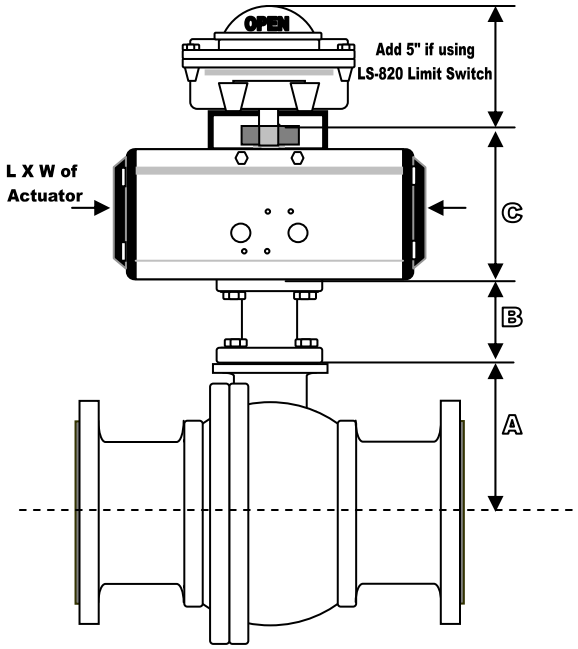
Use this document to develop envelope dimensions for automated valve assemblies.

Dimensions are MAX to allow for tolerances and slight variations that may be necessary for actuator mounting or sizing. All dimensions are inches.

Series "B41 *Rev 2*" Ball Valve

Size	A (In.)	B*(In.)
1/2"	1.7	3
3/4"	1.8	3
1"	2.1	3
1.5"	2.7	4
2"	2.9	4
2.5"	3.8	5
3"	4.3	5
4"	4.9	5
6"	7.6	5
8"	10	5
10"	11	5

B* Mounting Kit height may vary slightly based on actuator sizing.
Dimension "B" is Max.



aero2

Actuator Dimensions (In.)

Model	L (Length)	W (Width)	C
A2-020	5.8	2.8	3.6
A2-035	6.6	3.3	4.2
A2-050	7.3	3.7	4.7
A2-075	8	4	5
A2-110	10.4	4.3	5.4
A2-160	10.6	4.8	6
A2-255	11.7	5.7	6.9
A2-400	15.4	6	7.5
A2-500	18	6.9	8.5
A2-550	20.8	8.2	9.9
A2-600	22.2	9	10.8
A2-650	23.8	10.2	12.2
A2-700	27.8	11.5	13.7

Options & Accessories

Add the following dimensions to the 4" shown for LS-820 if an alternate top mounted accessory is used.

Limit Switch			*Positioner*	
	Add (in.)	Rating		Add (in.)
SVF			V-700	1"
LS-820	0	NEMA-4		
Moniteur				
	3"	NEMA-4	*Pilot Valve*	Add to "W"
	3"	NEMA-7		1.5"
Westlock				
	3"	NEMA-4		
	3"	NEMA-7		

For SVF Use

Package Components

Valve Size	Complete Valve Model Number	Actuator Model	Complete Actuator Model Number	Limit Switch? Y/N

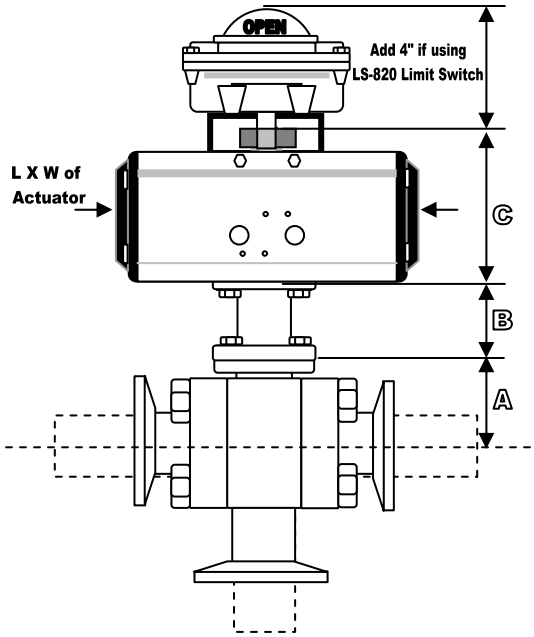
Use this document to develop envelope dimensions for automated valve assemblies.

Dimensions are MAX to allow for tolerances and slight variations that may be necessary for actuator mounting or sizing. All dimensions are inches.

Series "TSB7" Ball Valve

Size	A (In.)	B*(In.)
1/2"	1.3	1.5
3/4"	1.6	1.5
1"	1.6	2
1.5"	2	2
2"	2.2	3
2.5"	3.8	3

B* Mounting Kit height may vary slightly based on actuator sizing.
Dimension "B" is Max.



aero2

Actuator Dimensions (In.)

Model	L (Length)	W (Width)	C
A2-020	5.8	2.8	3.6
A2-035	6.6	3.3	4.2
A2-050	7.3	3.7	4.7
A2-075	8	4	5
A2-110	10.4	4.3	5.4
A2-160	10.6	4.8	6
A2-255	11.7	5.7	6.9
A2-400	15.4	6	7.5
A2-500	18	6.9	8.5
A2-550	20.8	8.2	9.9
A2-600	22.2	9	10.8
A2-650	23.8	10.2	12.2
A2-700	27.8	11.5	13.7

Options & Accessories

Add the following dimensions to the 4" shown for LS-820 if an alternate top mounted accessory is used.

Limit Switch			*Positioner*	
	Add (in.)	Rating		Add (in.)
SVF			V-700	1"
LS-820	0	NEMA-4		
Moniteur				
	3"	NEMA-4	***Pilot Valve***	**Add to "W"**
	3"	NEMA-7		1.5"
Westlock				
	3"	NEMA-4		
	3"	NEMA-7		

For SVF Use

Package Components

Valve Size	Complete Valve Model Number	Actuator Model	Complete Actuator Model Number	Limit Switch? Y/N

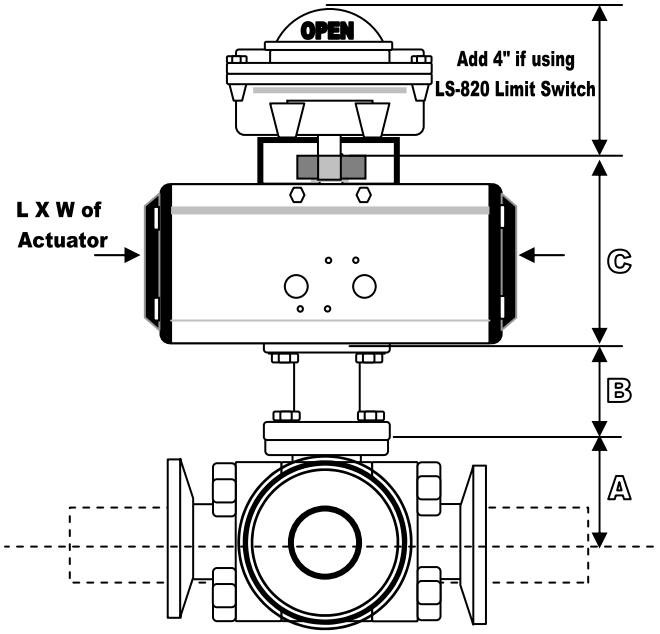
Use this document to develop envelope dimensions for automated valve assemblies.

Dimensions are MAX to allow for tolerances and slight variations that may be necessary for actuator mounting or sizing. All dimensions are inches.

Series "SMC9" Ball Valve

Size	A	B*
1/2"	1.8	1.5
3/4"	1.9	1.5
1"	2.3	2
1.5"	2.9	2
2"	3.4	3
2.5"	4	3
3"	5	4

B* Mounting Kit height may vary slightly based on actuator sizing.
Dimension "B" is Max.



aero2

Actuator Dimensions (In.)

Model	L (Length)	W (Width)	C
A2-020	5.8	2.8	3.6
A2-035	6.6	3.3	4.2
A2-050	7.3	3.7	4.7
A2-075	8	4	5
A2-110	10.4	4.3	5.4
A2-160	10.6	4.8	6
A2-255	11.7	5.7	6.9
A2-400	15.4	6	7.5
A2-500	18	6.9	8.5
A2-550	20.8	8.2	9.9
A2-600	22.2	9	10.8
A2-650	23.8	10.2	12.2
A2-700	27.8	11.5	13.7

Options & Accessories

Add the following dimensions to the 4" shown for LS-820 if an alternate top mounted accessory is used.

Limit Switch			*Positioner*	
	Add (in.)	Rating		Add (in.)
SVF			V-700	1"
LS-820	0	NEMA-4		
Moniteur				
	3"	NEMA-4	*Pilot Valve*	**Add to "W"**
	3"	NEMA-7		1.5"
Westlock				
	3"	NEMA-4		
	3"	NEMA-7		

For SVF Use

Package Components

Valve Size	Complete Valve Model Number	Actuator Model	Complete Actuator Model Number	Limit Switch? Y/N