

## 30D Series

### Sanitary Clamp, Full Port, 3-way Ball Valves (3-A approved)



**3-A Approved for use in food processing and dairy applications**

The Assured Automation 30 Series 3-A approved, full port, 3-way Ball valves have sanitary tri-clamp end connections. They are ideal for use in food processing and other clean service applications.

They include an ISO 5211 mounting pad for the direct mounting of actuators. Direct mount eliminates the need for extra space, weight, and cost.

A full range of accessory items are available including pneumatic and electric actuators, limit switches, solenoid valves, and manual override devices.

#### FEATURES

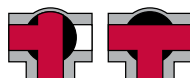
- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Latch locking handle
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

#### FLOW PLANS

**L Port**  
**Plan A**



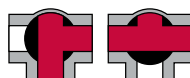
**T Port**  
**Plan D**



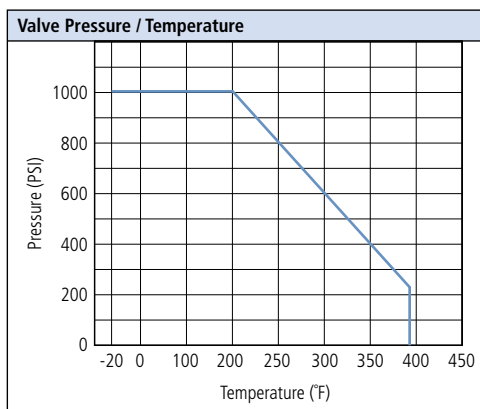
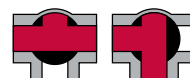
**Plan E**



**Plan F**



**Plan G**



#### 30 SERIES MODEL NUMBERING

Model Number **X30DXX**

Size: \_\_\_\_\_

**C** = 1/2"

**D** = 3/4"

**E** = 1"

**G** = 1 1/2"

**H** = 2"

**I** = 2 1/2"

**J** = 3"

**K** = 4"

Flow Plan: \_\_\_\_\_

**A, D, E, F, G** (see below)

Actuator: \_\_\_\_\_

A variety of actuators with accessories are available:

#### Pneumatic

- spring return or direct acting
- NAMUR solenoid valves
- push fittings
- limit switches
- positioners

#### Electric

- various IP ratings and voltages
- modulating or on/off

#### Manual

- standard lever or lockable

#### TEMPERATURE RANGE

-4°F to 392°F

(see P/T curve on left)

#### PRESSURE RANGE

1000 psi WOG

**Note:** clamp end is limited by the type of clamp used (see P/T curve on left)

#### SPECIAL OPTIONS

- Anti-static device

#### TYPICAL APPLICATIONS

- Dairy
- Water bottling
- Brewing
- Flavor & fragrance
- Food and Beverage

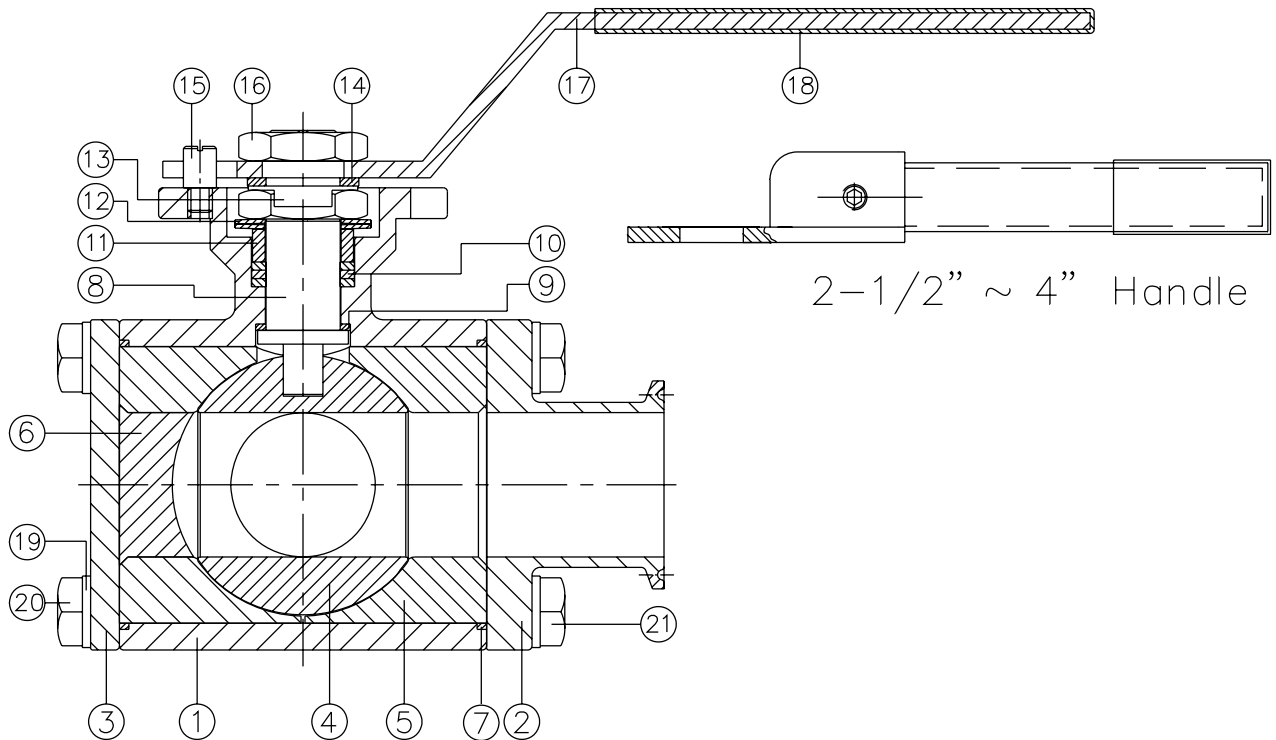
## 30 Series

### Sanitary Clamp End, Full Port 3-way Ball Valves (Parts and Materials Details)



**3-A** Approved for use in  
food processing applications

#### PARTS & MATERIALS



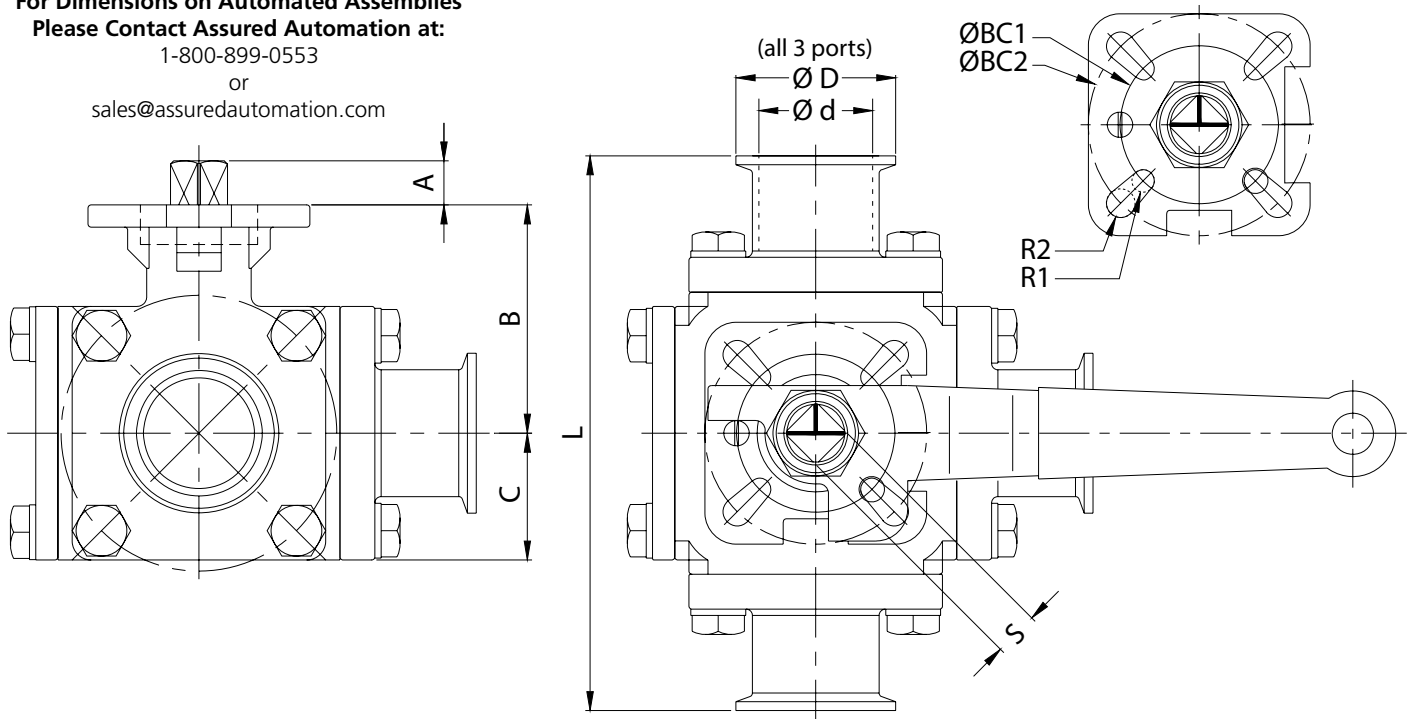
Item	Part	Material
1	BODY	ASTM A351-CF8M
2	CAP	
3	FLAT CAP	
4	BALL	ASTM A351-CF8M
5	SEAT A	PTFE
6	SEAT B	
7	SEAL	
8	STEM	ASTM A276-316
9	THRUST WASHER	PTFE
10	PACKING	
11	GLAND RING	AISI 304

Item	Part	Material
12	BELLEVILLE WASHER	AISI 301
13	LOCKING WASHER	AISI 304
14	FLAT WASHER	
15	STOP PIN	
16	STEM NUT	
17	HANDLE	PVC
18	HANDLE SLEEVE	
19	SPRING WASHER	AISI 304
20	BOLT A	
21	BOLT B	

## 30 Series

### Sanitary Clamp End, Full Port 3-way Ball Valves with Manual Lever (Dimensions in inches)

For Dimensions on Automated Assemblies  
 Please Contact Assured Automation at:  
 1-800-899-0553  
 or  
 sales@assuredautomation.com



#### DIMENSIONS, WEIGHTS & SPECIFICATIONS (in inches except where noted)

Size	A	B	C	L	S (mm)	ISO 5211	ØD	Ød	ØBC1	ØBC2	R1	R2	Wt. (lbs.)	Model No.
1/2"	0.35	1.75	0.93	4.65	9	F03/04	1.00	0.37	1.42	1.65	0.11	0.11	3.5	C30D*XM
3/4"	0.35	1.89	1.02	5.00	9	F03/04	1.00	0.62	1.42	1.65	0.12	0.12	4.2	D30D*XM
1"	0.43	2.32	1.20	6.00	11	F04/05	1.98	0.87	1.65	1.97	0.14	0.14	6.8	E30D*XM
1-1/2"	0.55	2.83	1.57	6.89	14	F05/07	1.98	1.38	1.97	2.76	0.14	0.18	12.6	G30D*XM
2"	0.55	3.23	1.97	7.48	14	F05/07	2.53	1.87	1.97	2.76	0.14	0.18	19.7	H30D*XM
3"	0.91	4.94	2.01	10.24	22	F10/12	3.58	2.87	4.02	4.92	0.22	0.26	44.3	J30D*XM
4"	0.70	7.28	4.00	13.00	17	F07/10	4.59	3.83	2.76	4.02	0.22	0.26	120.0	K30D*XM

\* = A, D, E, F, or G (Flow Plan see below)

#### FLOW PLANS

##### L Port

##### Plan A



##### T Port

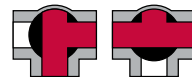
##### Plan D



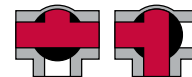
##### Plan E



##### Plan F



##### Plan G



#### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Latch locking handle

#### VALVE SPECIFICATIONS

##### Temperature Range:

-4°F to 392°F

(see PIT curve on page 1)

##### Pressure:

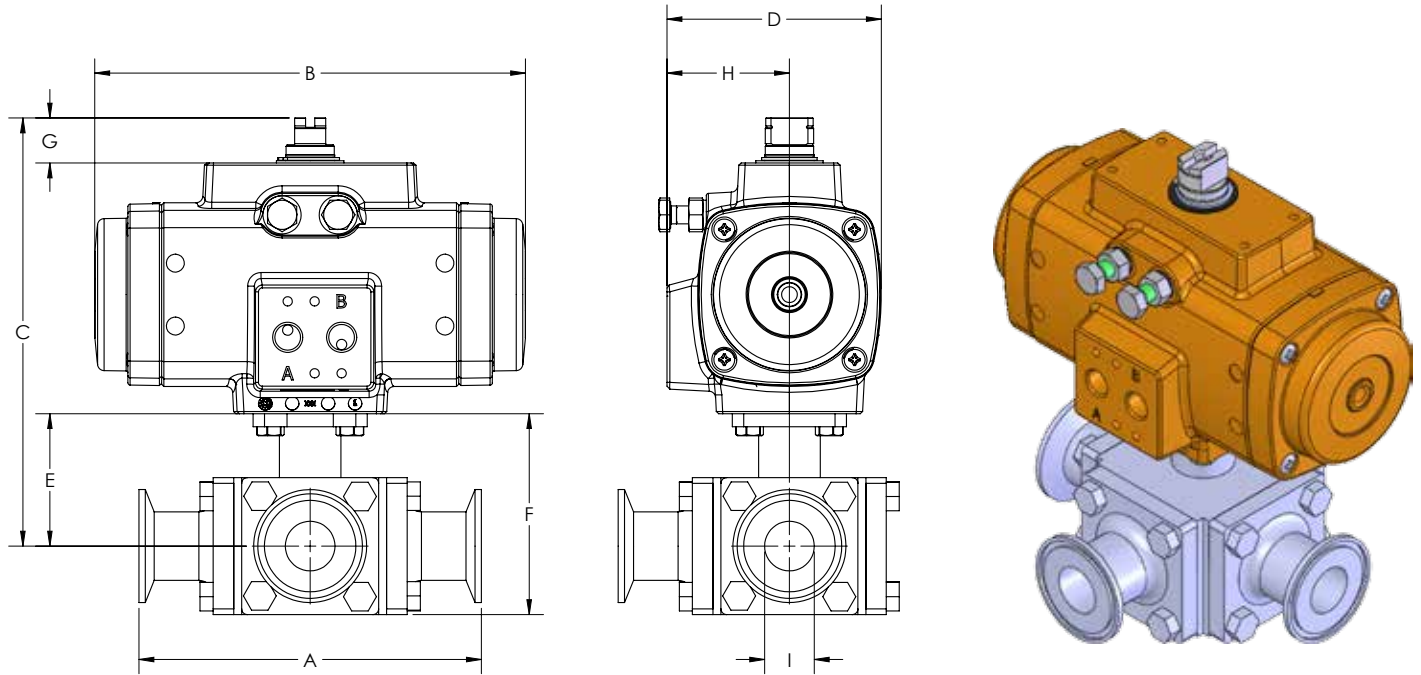
1000 psi WOG

**Note:** clamp end is limited by the type of clamp used  
 (see PIT curve on page 1)

## 30DX\_XFDA

### Stainless steel, 3-way ball valves with double acting pneumatic actuator

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
<b>80 psi Minimum Actuator Air Supply = 8D</b>												
1/2"	4.65	6.54	6.44	3.23	1.75	2.68	0.79	1.91	0.37	FDA25	6.6	C30D*XF8D
3/4"	5.00	6.54	6.58	3.23	1.89	2.91	0.79	1.91	0.62	FDA25	7.3	D30D*XF8D
1"	6.00	7.55	7.79	3.74	2.32	3.52	0.79	2.15	0.87	FDA40	11.4	E30D*XF8D
1 1/2"	6.89	8.53	8.77	4.09	2.83	4.40	0.79	2.28	1.87	FDA65	18.8	G30D*XF8D
2"	7.48	8.53	9.17	4.09	3.23	5.20	0.79	2.28	2.87	FDA65	25.9	H30D*XF8D
3"	10.24	8.80	12.22	5.28	4.94	6.95	0.79	2.72	3.83	FDA150	55.1	J30D*XF8D
4"	13.00	10.58	16.34	6.50	7.28	11.28	0.79	3.35	3.83	FDA350	142.0	K30D*XF8D
<b>60 psi Minimum Actuator Air Supply = 6D</b>												
1/2"	4.65	6.54	6.44	3.23	1.75	2.68	0.79	1.91	0.37	FDA25	6.6	C30D*XF6D
3/4"	5.00	6.54	6.58	3.23	1.89	2.91	0.79	1.91	0.62	FDA25	7.3	D30D*XF6D
1"	6.00	7.55	7.79	3.74	2.32	3.52	0.79	2.15	0.87	FDA40	11.4	E30D*XF6D
1 1/2"	6.89	8.53	8.77	4.09	2.83	4.40	0.79	2.28	1.38	FDA65	18.8	G30D*XF6D
2"	7.48	9.72	9.45	4.53	3.23	5.20	0.79	2.50	1.87	FDA100	27.4	H30D*XF6D
3"	10.24	10.07	12.46	5.28	4.94	6.95	0.79	2.83	2.87	FDA200	57.5	J30D*XF6D
4"	13.00	10.58	16.34	6.50	7.28	11.28	0.79	3.35	3.83	FDA350	142.0	K30D*XF6D

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

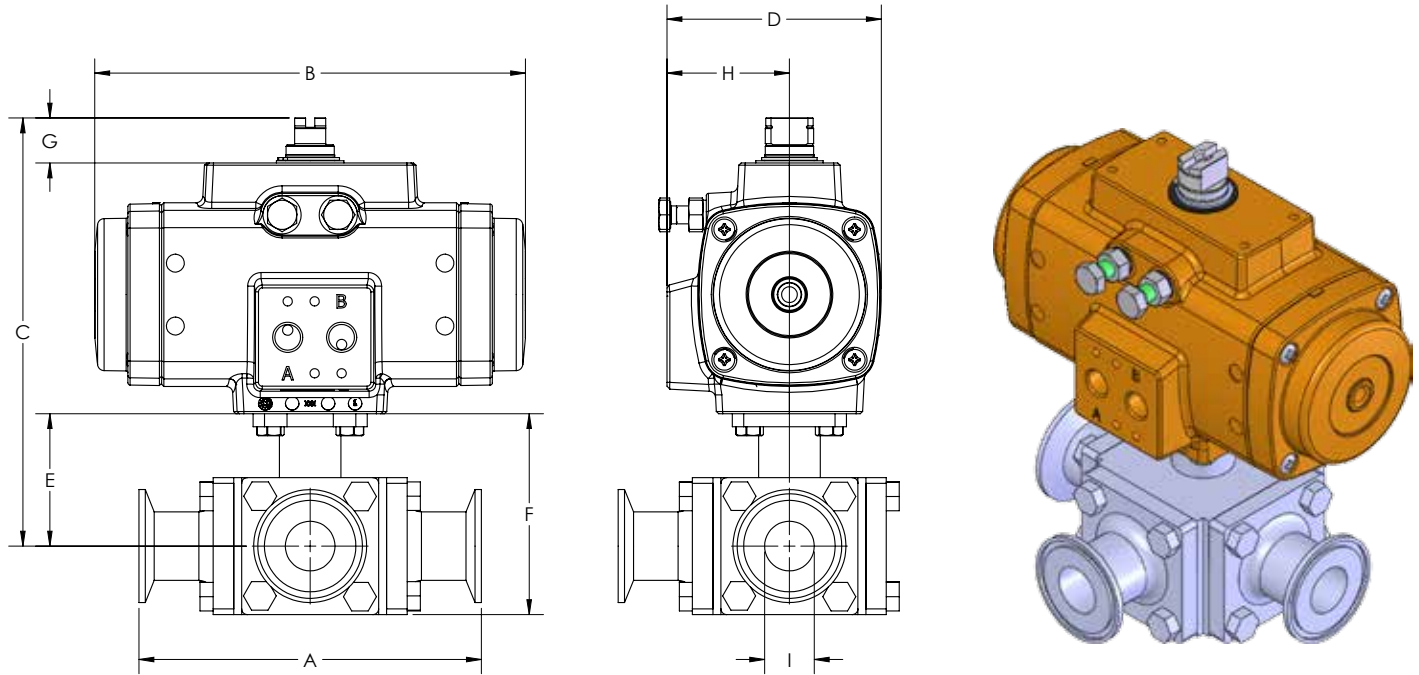
### PNEUMATIC ACTUATOR FEATURES

- F Series double acting rack and pinion actuator.
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicators
- High duty cycle
- Permanent lubrication
- Temperature range: -4°F to 175°F

## 30DX\_XFSR

### Stainless steel, 3-way ball valves with spring return pneumatic actuator

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
<b>80 psi Minimum Actuator Air Supply = 85</b>												
1/2"	4.65	6.54	6.44	3.23	1.75	2.68	0.79	1.91	0.37	FSA25-4	6.6	C30D*XF8S
3/4"	5.00	6.54	6.58	3.23	1.89	2.91	0.79	1.91	0.62	FSA25-4	9.3	D30D*XF8S
1"	6.00	8.53	8.26	4.09	2.32	3.52	0.79	2.28	0.87	FSA65-4	14.1	E30D*XF8S
1 1/2"	6.89	11.97	10.11	5.00	2.83	4.40	0.79	2.72	1.38	FSA150-4	27.2	G30D*XF8S
2"	7.48	11.97	10.51	5.00	3.23	5.20	0.79	2.72	1.87	FSA150-4	34.3	H30D*XF8S
3"	10.24	15.15	14.00	6.50	4.94	6.95	0.79	3.35	2.87	FSA350-4	76.3	J30D*XF8S
4"	13.00	18.73	18.78	7.83	7.28	11.28	1.18	4.02	3.83	FSA600-4	182.0	K30D*XF8S
<b>60 psi Minimum Actuator Air Supply = 65</b>												
1/2"	4.65	6.54	6.44	3.23	1.75	2.68	0.79	1.91	0.37	FSA25-3	6.6	C30D*XF6S
3/4"	5.00	7.55	7.36	3.74	1.89	2.91	0.79	2.15	0.62	FSA40-3	9.3	D30D*XF6S
1"	6.00	8.53	8.26	4.09	2.32	3.52	0.79	2.28	0.87	FSA65-3	14.1	E30D*XF6S
1 1/2"	6.89	11.97	10.11	5.00	2.83	4.40	0.79	2.72	1.38	FSA150-3	27.2	G30D*XF6S
2"	7.48	11.97	10.51	5.00	3.23	5.20	0.79	2.72	1.87	FSA150-3	34.3	H30D*XF6S
3"	10.24	18.73	16.44	7.83	4.94	6.95	1.18	4.02	2.87	FSA600-3	106.3	J30D*XF6S
4"	13.00	20.35	18.66	9.10	7.28	11.28	1.18	4.96	3.83	ESA950-3DSA	205.0	K30D*XF6S

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

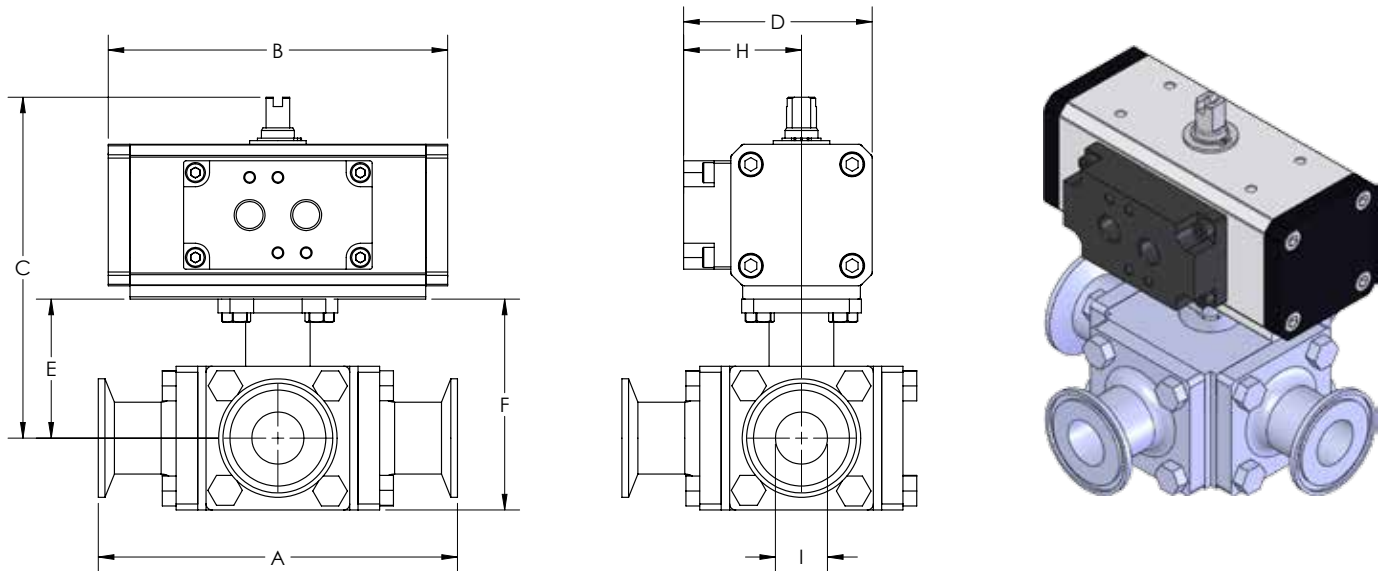
### PNEUMATIC ACTUATOR FEATURES

- F Series spring return rack and pinion actuator.
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicators
- High duty cycle
- Permanent lubrication
- Temperature range: -4°F to 175°F

## 30DX\_XODA

### Stainless steel, 3-way ball valves with double acting pneumatic actuator

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
<b>80 psi Minimum Actuator Air Supply = 8D</b>												
1/2"	4.65	4.53	4.59	2.68	1.75	2.68	0.79	1.34	0.37	PD015	4.15	C30D*X08D
3/4"	5.00	5.12	5.04	2.96	1.89	2.91	0.79	1.48	0.62	PD030	6.40	D30D*X08D
1"	6.00	5.67	5.70	3.15	2.32	3.52	0.79	1.58	0.87	PD045	9.56	E30D*X08D
1 1/2"	6.89	6.65	6.67	3.62	2.83	4.40	0.79	1.81	1.38	PD090	16.68	G30D*X08D
2"	7.48	6.65	7.07	3.62	3.23	5.20	0.79	1.81	1.87	PD090	23.78	H30D*X08D
<b>60 psi Minimum Actuator Air Supply = 6D</b>												
1/2"	4.65	5.12	4.90	2.96	1.75	2.68	0.79	1.48	0.37	PD030	5.70	C30D*X06D
3/4"	5.00	5.12	5.04	2.96	1.89	2.91	0.79	1.48	0.62	PD030	6.40	D30D*X06D
1"	6.00	5.67	5.70	3.15	2.32	3.52	0.79	1.58	0.87	PD045	9.56	E30D*X06D
1 1/2"	6.89	6.65	6.67	3.62	2.83	4.40	0.79	1.81	1.38	PD090	16.68	G30D*X06D
2"	7.48	7.24	7.41	3.94	3.23	5.20	0.79	1.97	1.87	PD120	34.3	H30D*X06D

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

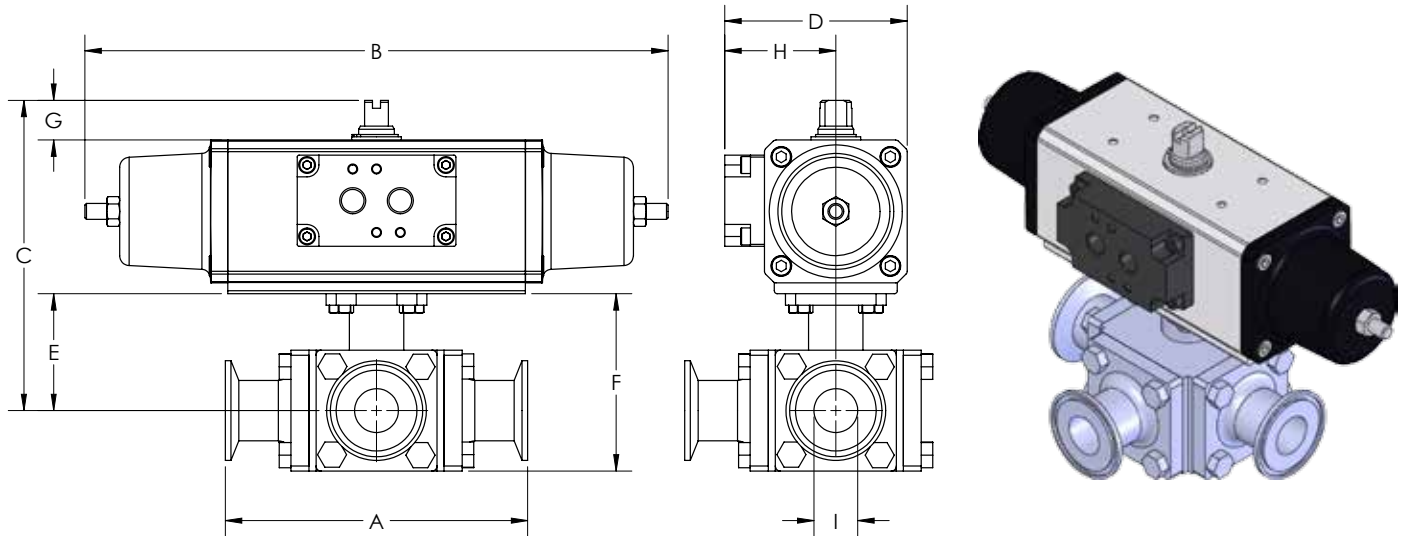
### PNEUMATIC ACTUATOR FEATURES

- O Series double acting dual scotch yoke actuator.
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicators
- High duty cycle
- Permanent lubrication
- Temperature range: -4°F to 175°F

## 30DX\_XOSR

### Stainless steel, 3-way ball valves with double acting pneumatic actuator

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
<b>80 psi Minimum Actuator Air Supply = 85</b>												
1/2"	4.65	9.45	5.30	3.35	1.75	2.68	0.79	1.675	0.37	PS03080	7.91	C30D*X08S
3/4"	5.00	9.45	5.44	3.35	1.89	2.91	0.79	1.675	0.62	PS03080	8.61	D30D*X08S
1"	6.00	11.57	6.16	3.62	2.32	3.52	0.79	1.810	0.87	PS04580	12.09	E30D*X08S
1 1/2"	6.89	14.06	7.79	4.33	2.83	4.40	1.18	2.165	1.38	PS09080	22.74	G30D*X08S
2"	7.48	14.65	8.58	4.73	3.23	5.2	1.18	2.365	1.87	PS12080	34.47	H30D*X08S
<b>60 psi Minimum Actuator Air Supply = 65</b>												
1/2"	4.65	9.45	5.30	3.35	1.75	2.68	0.79	1.675	0.37	PS03060	7.91	C30D*X06S
3/4"	5.00	9.45	5.44	3.35	1.89	2.91	0.79	1.675	0.62	PS03060	8.61	D30D*X06S
1"	6.00	11.57	6.16	3.62	2.32	3.52	0.79	1.810	0.87	PS04560	12.09	E30D*X06S
1 1/2"	6.89	14.06	7.79	4.33	2.83	4.40	1.18	2.165	1.38	PS09060	22.74	G30D*X06S
2"	7.48	14.65	8.58	4.73	3.23	5.2	1.18	2.365	1.87	PS12060	34.47	H30D*X06S

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

### PNEUMATIC ACTUATOR FEATURES

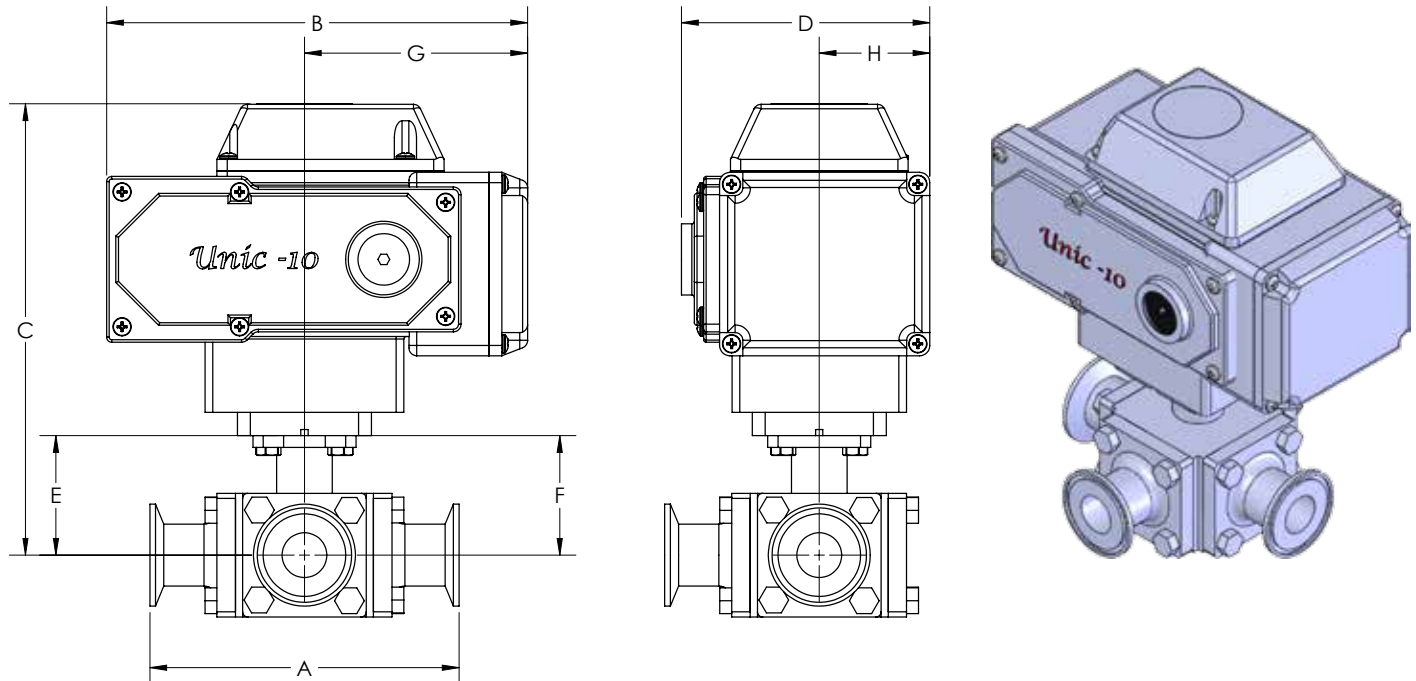
- O Series spring return dual scotch yoke actuator.
- Corrosion resistant coating
- NAMUR solenoid mounting pad, ISO 5211 mounting standard
- Visual position indicators
- High duty cycle
- Permanent lubrication
- Temperature range: -4°F to 175°F



## 30DX\_XK4

### Stainless steel, 3-way ball valves with electric actuator, NEMA 4, 4X

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 85												
1/2"	4.65	6.25	5.826	4.50	1.75	2.68	3.125	2.25	0.37	UNIC05-AC120-L-SH-ISO	7.9	C30D* XK4
3/4"	5.00	6.25	5.966	4.50	1.89	2.91	3.125	2.25	0.62	UNIC05-AC120-L-SH-ISO	8.6	D30D* XK4
1"	6.00	6.25	6.396	4.50	2.32	3.52	3.125	2.25	0.87	UNIC05-AC120-L-SH-ISO	11.2	E30D* XK4
1 1/2"	6.89	6.25	6.900	4.50	2.83	4.40	3.125	2.25	1.38	UNIC05-AC120-L-SH-ISO	17.0	G30D* XK4
2"	7.48	8.17	9.630	4.82	3.23	5.20	4.085	2.41	1.87	UNIC10-AC120-L-SH-ISO	29.6	H30D* XK4
3"	10.24	8.17	12.220	4.82	4.94	6.95	4.085	2.41	2.87	UNIC20-AC120-L-SH-ISO	60.8	J30D* XK4
4"	13.00	10.10	14.560	6.16	7.28	11.28	5.050	3.08	3.83	UNIC20-AC120-L-SH-ISO	136.5	K30D* XK4

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

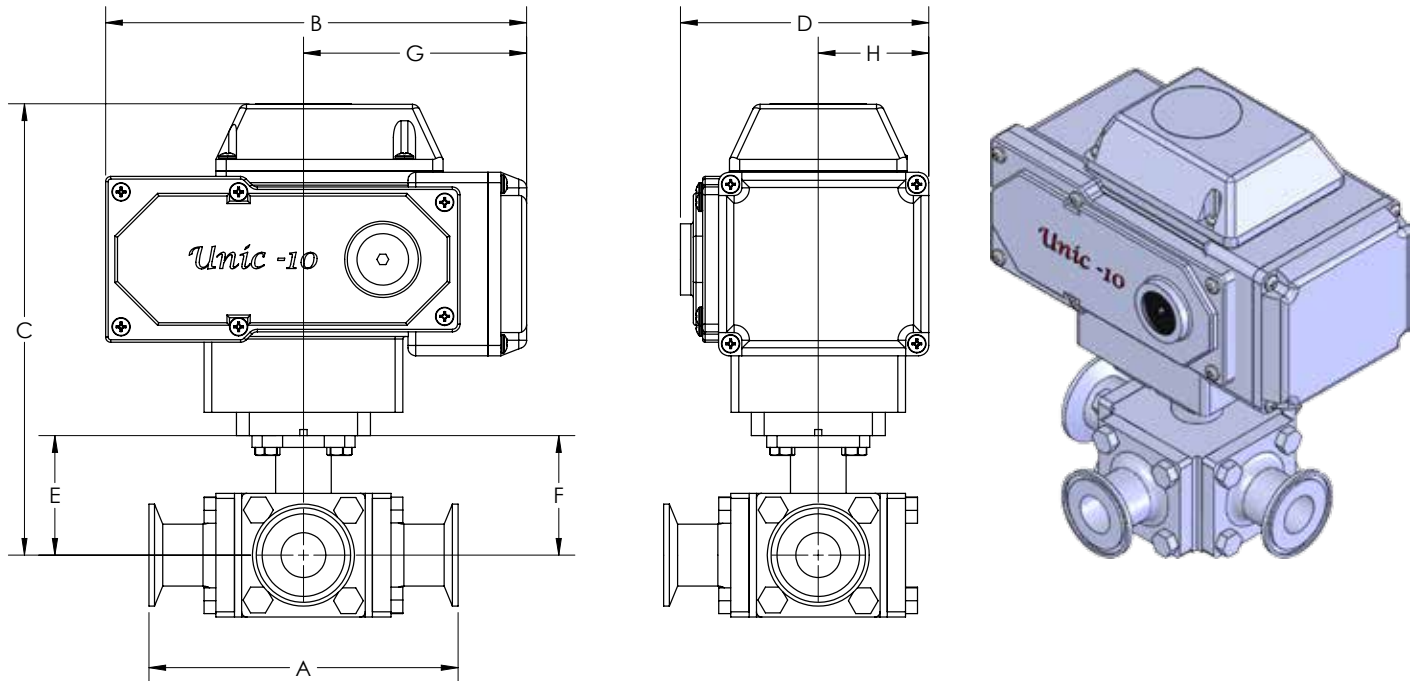
### ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicators
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F



## 30DX\_XK4

**Stainless steel, 3-way ball valves with electric actuator, NEMA 4, 4X, Modulating 4-20mA**  
 (Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 85												
1/2"	4.65	6.5	5.826	4.50	1.75	2.68	3.25	2.25	0.37	NUCOM-Z-AC120-ISO-420	9.0	C30D* XK4
3/4"	5.00	6.5	5.966	4.50	1.89	2.91	3.25	2.25	0.62	NUCOM-Z-AC120-ISO-420	9.7	D30D* XK4
1"	6.00	8.17	5.917	4.50	2.32	3.52	4.085	2.25	0.87	NUCOM-10NS-AC120-ISO-420	16.7	E30D* XK4
1 1/2"	6.89	8.17	6.906	4.50	2.83	4.40	4.085	2.25	1.38	NUCOM-10NS-AC120-ISO-420	22.5	G30D* XK4
2"	7.48	8.17	9.630	4.82	3.23	5.20	4.085	2.41	1.87	NUCOM-10NS-AC120-ISO-420	29.6	H30D* XK4
3"	10.24	10.10	12.220	4.82	4.94	6.95	5.05	2.41	2.87	NUCOM-10NM-AC120-ISO-420	62.3	J30D* XK4
4"	13.00	10.10	14.560	6.16	7.28	11.28	5.05	3.08	3.83	NUCOM-10NM-AC120-ISO-420	138.0	K30D* XK4

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

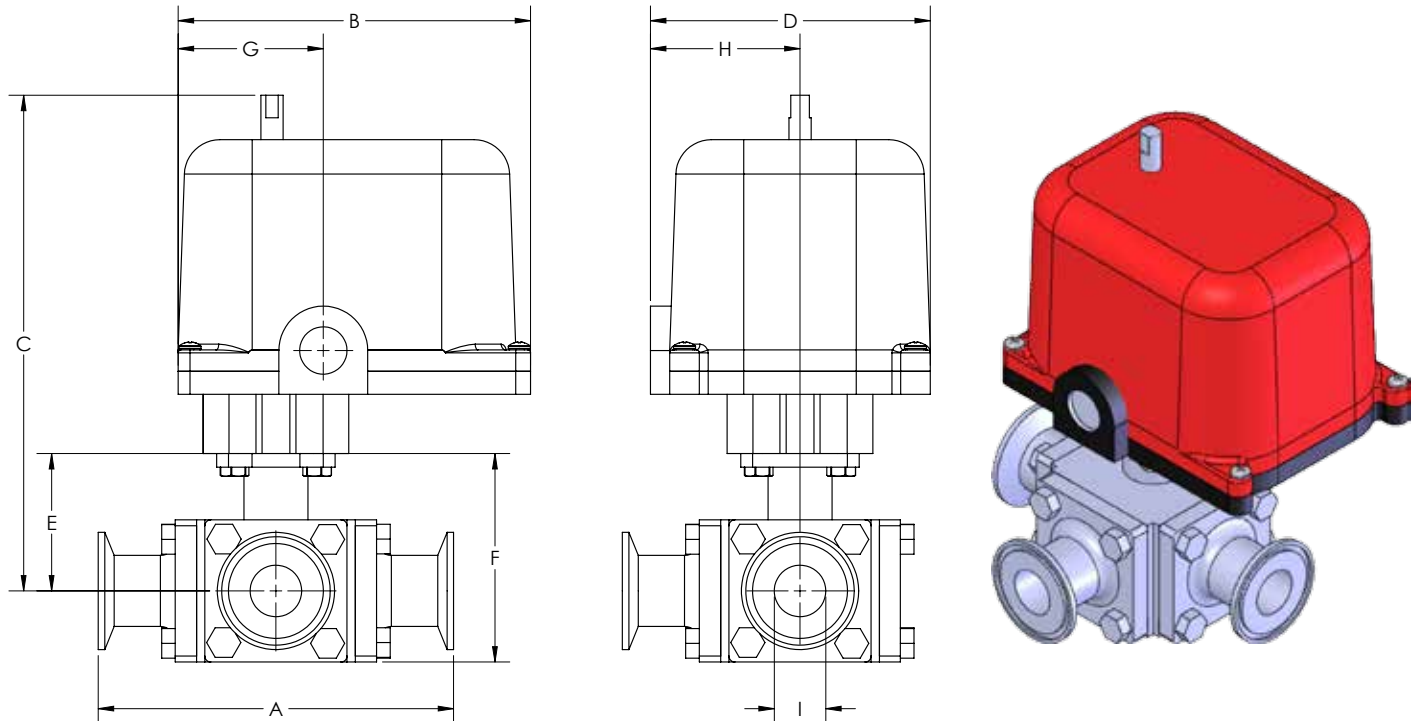
### ELECTRIC ACTUATOR FEATURES

- K Series electric actuator
- Most voltages available
- Quarter turn: 0-90° rotation
- NEMA 4/4X certified by UL labs
- ISO 5211 mounting standard
- Visual position indicators
- Self-locking drive train
- Mounts in any direction
- 1/2" NPT conduit connection
- CSA-NRTL/C and CE certified
- Temperature range: 0°F to 160°F
- [Modulating Info](#)

## 30DX\_XR4

### Stainless steel, 3-way ball valves with electric actuator, NEMA 4, 4X

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 85												
1/2"	4.65	5.95	7.05	4.725	1.75	2.68	2.975	2.525	0.37	R300*	9.5	C30D*XR4
3/4"	5.00	5.95	7.19	4.725	1.89	2.91	2.975	2.525	0.62	R300*	10.2	D30D*XR4
1"	6.00	5.95	7.62	4.725	2.32	3.52	2.975	2.525	0.87	R300*	12.8	E30D*XR4
1 1/2"	6.89	5.95	8.13	4.725	2.83	4.40	2.975	2.525	1.38	R300*	18.6	G30D*XR4
2"	7.84	5.95	8.53	4.725	3.23	4.2	2.975	2.525	1.87	R600*	25.7	H30D*XR4

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

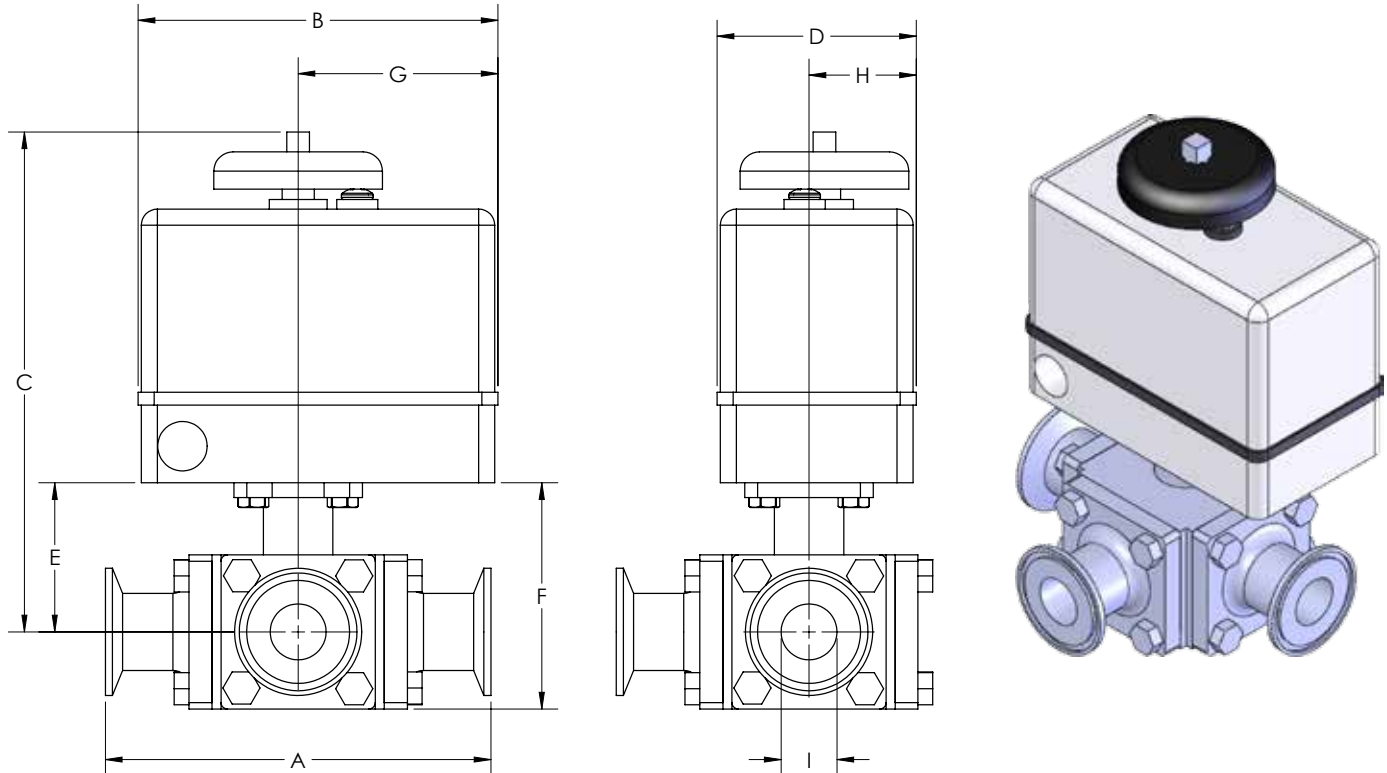
### PNEUMATIC ACTUATOR FEATURES

- R Series electric actuator
- NEMA 4, 4X
- Voltages available: 120vAC, 12vDC, 24vDC
- Duty cycle: 25% at 120vAC, 100% at DC units
- ISO 5211 universal mounting
- Manual override
- Permanent lubrication
- Visual position indicator
- Temperature range: 0°F to 150°F

## 30DX\_XV4

### Stainless steel, 3-way ball valves with electric actuator, NEMA 4, 4X

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



#### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	AC Actuator	DC Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 8S													
1/2"	4.65	5.50	6.5	3.00	1.75	2.68	3.06	1.5	0.37	EV1S1V1	EV1S3V*	8.5	C30D*XV4
3/4"	5.00	5.50	6.64	3.00	1.89	2.91	3.06	1.5	0.62	EV1S1V1	EV1S3V*	9.2	D30D*XV4
1"	6.00	5.50	7.07	3.00	2.32	3.52	3.06	1.5	0.87	EV3S2V1	EV3S3V*	11.8	E30D*XV4
1 1/2"	6.89	5.50	7.58	3.00	2.83	4.40	3.06	1.5	1.38	EV3S2V1	EV3S3V*	17.6	F30D*XV4

#### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

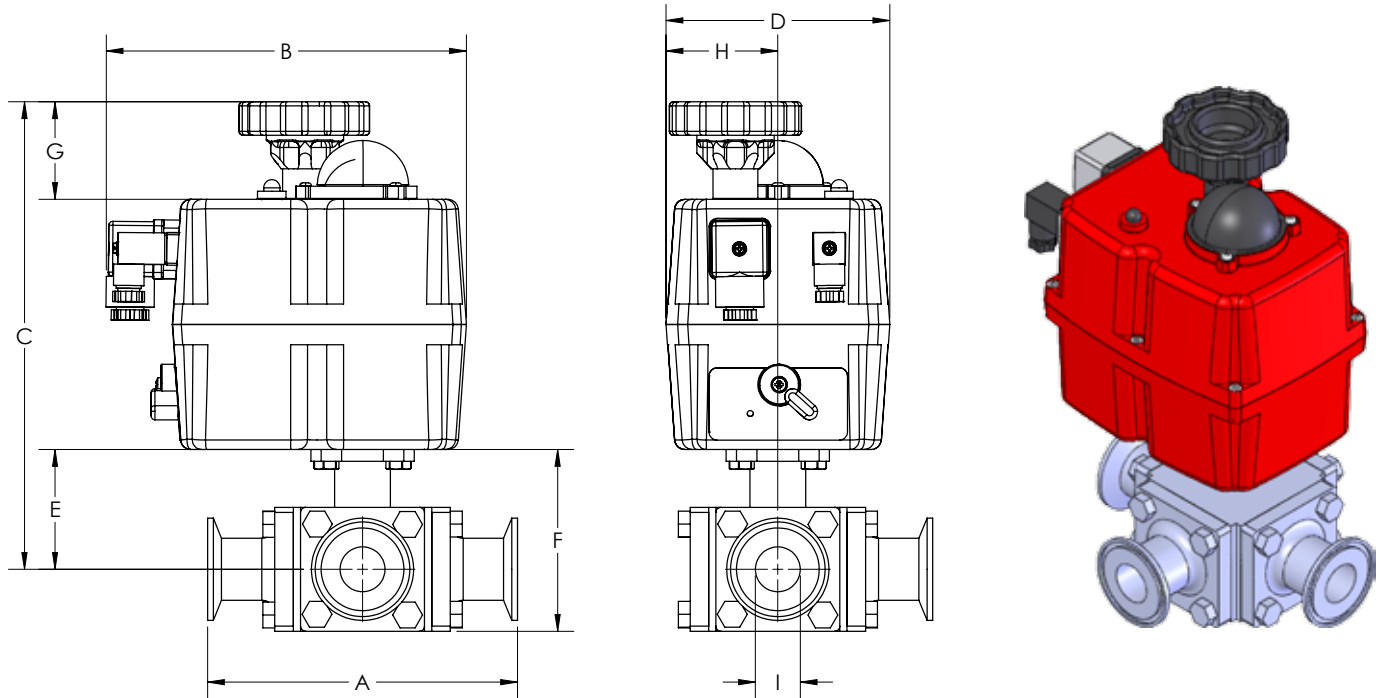
#### PNEUMATIC ACTUATOR FEATURES

- V4 Series electric actuator
- NEMA 4, 4X
- Voltages available: 120vAC, 220vAC, 24vAC, 12vDC, 24vDC.
- Duty cycle:
  - 25% for 120vAC (EV1)
  - 75% for 120vAC (EV3)
  - 100% for DC units
- ISO 5211 universal mounting
- Manual override
- Permanent lubrication
- Visual position indicator
- Temperature range: 0°F to 160°F

## 30DX\_XS4MV

**Stainless steel, 3-way ball valves with multi-voltage electric actuator, IP67**

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 85												
1/2"	4.65	6.93	8.49	4.32	1.75	2.68		2.16	0.37	S40170MV**	7.5	C30D*XS4MV**
3/4"	5.00	6.93	8.62	4.32	1.89	2.91		2.16	0.62	S40170MV**	8.2	D30D*XS4MV**
1"	6.00	6.93	9.05	4.32	2.32	3.52		2.16	0.87	S40170MV**	10.8	E30D*XS4MV**
1 1/2"	6.89	6.93	9.56	4.32	2.83	4.40		2.16	1.38	S40300MV**	16.8	G30D*XS4MV**
2"	7.48	6.93	10.95	4.32	3.23	5.20		2.16	1.87	S40480MV**	25.0	H30D*XS4MV**
3"	10.24	9.25	14.94	8.42	4.94	6.95		4.21	2.87	S42600MV**	55.8	J30D*XS4MV**
4"	13.00	9.25	17.28	8.42	7.28	11.28		4.21	3.83	S42600MV**	131.5	K30D*XS4MV**

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

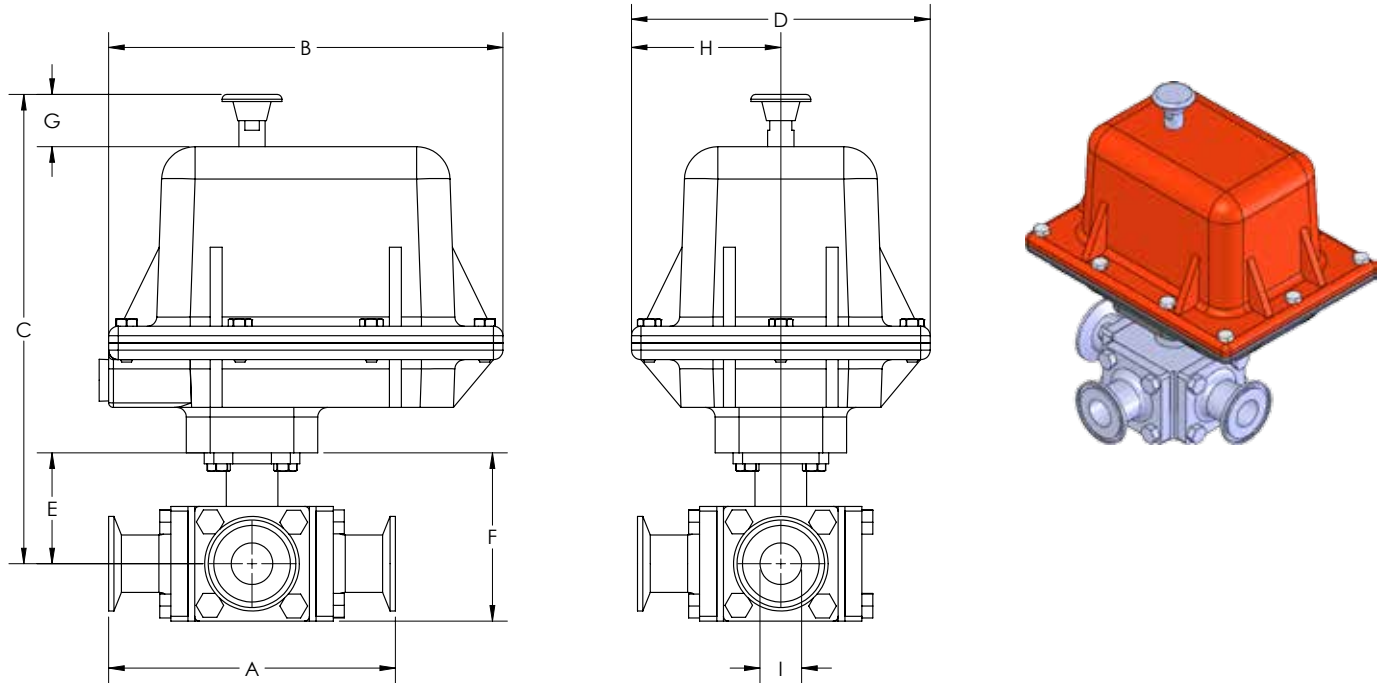
### PNEUMATIC ACTUATOR FEATURES

- S4 Series multi-voltage, reversible actuator  
12 to 24vAC/DC or 85 to 240vAC/DC
- Internal thermostat controlled anti-condensation heater
- Isolated end of travel limit switches
- Manual override for emergency hand operation
- Electronic torque limiter
- Visual domed position indicator
- Temperature range: -4°F to 175°F
- Auto-voltage sensing reduces field wiring mistakes
- External wiring connection with DIN Plugs, no need to open unit for field wiring
- ISO5211 mounting flange
- CE marked.

## 30DX\_XB7

**Stainless steel, 3-way ball valves with multi-voltage electric actuator, IP67**

(Sanitary clamp end connections with filled cavities, actuators are sized for 400psi pressure differential)



### DIMENSIONS, WEIGHTS & SPECIFICATIONS

Size	A	B	C	D	E	F	G	H	I	Actuator	Wt (lbs.)	Model No.
80 psi Minimum Actuator Air Supply = 85												
1/2"	4.65	8.25	9.25	6.25	1.75	2.68	1.5	3.125	0.37	EM300F-10-C7-*-001	15.5	C30D*XB7
3/4"	5.00	8.25	9.39	6.25	1.89	2.91	1.5	3.125	0.62	EM300F-10-C7-*-001	16.2	D30D*XB7
1"	6.00	8.25	9.82	6.25	2.32	3.52	1.5	3.125	0.87	EM300F-10-C7-*-001	18.8	E30D*XB7
1 1/2"	6.89	8.25	10.33	6.25	2.83	4.40	1.5	3.125	1.38	EM300F-10-C7-*-001	24.6	G30D*XB7
2"	7.48	8.25	10.73	6.25	3.23	5.20	1.5	3.125	1.87	EM300F-10-C7-*-001	31.7	H30D*XB7
3"	10.24	9.75	14.44	7.75	4.94	6.95	1.5	3.875	2.87	EM500F-30-C7-*-001	62.3	J30D*XB7
4"	13.00	14.00	26.68	10.00	7.28	11.28	1.5	5.000	3.83	EM810F-18-C7-*-001	280.0	K30D*XB7

### VALVE FEATURES

- 3-A approved
- Sanitary clamp end connections
- Seats with cavity fillers to avoid media entrapment
- Full port bore
- ISO 5211 direct mount actuator mounting pad
- Blow-out proof stem
- Electric or pneumatic actuators available
- Solenoid valves and limit switches available

### PNEUMATIC ACTUATOR FEATURES

- B7 Series electric actuator
- Actuator speed: 15 sec.
- NEMA 4, 4x, 7 and 9; CSA approved
- Weatherproof
- Class I Groups C and D, Div. 1
- Class II Groups E, F and G
- (2) 1/2" NPT conduit entries
- Manual override
- Position indicator
- CSA certified
- Temperature range: 0°F to 160°F