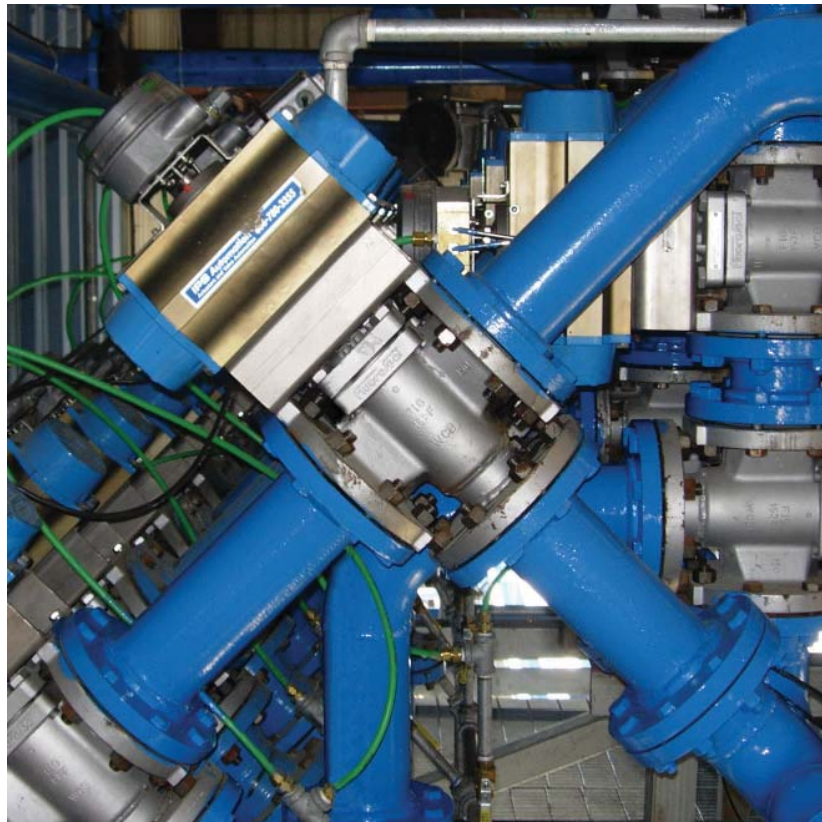


FluoroSeal Specialty Valves



SLEEVED MULTIPOINT


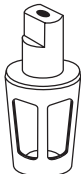



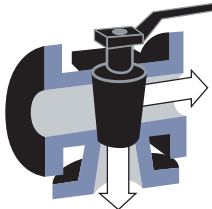
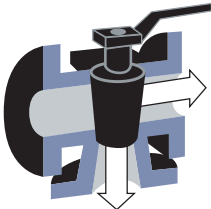
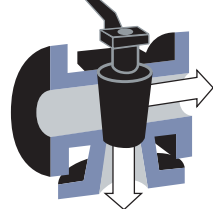
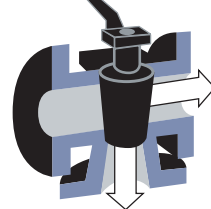
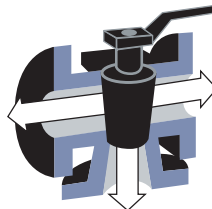
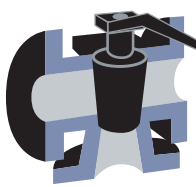
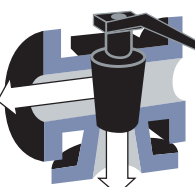
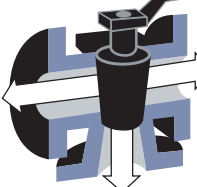
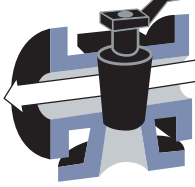
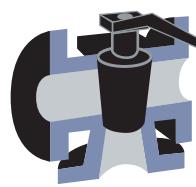
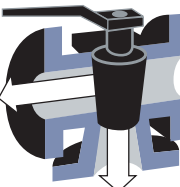
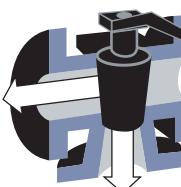
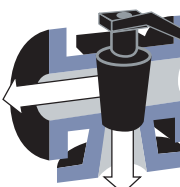
SLEEVED PLUG VALVES — MULTIPOINT

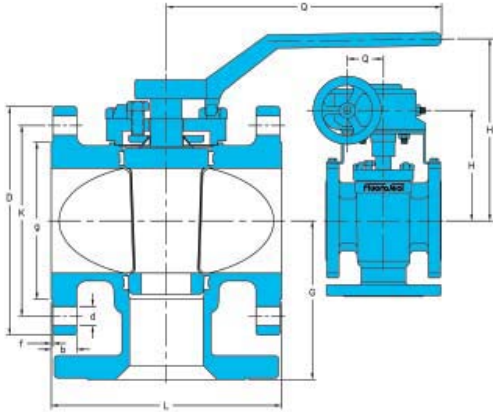
FLOW ARRANGEMENTS

Flow is indicated by the arrow.

When rotating plugs FA2, FA3 or FA4 a transflow condition exists at all times. Only position B in plugs FA1 and FA5 will provide a complete shutoff condition.

Valves will be supplied with 90° operators as standard. Should a 180° operator be needed, please specify.

	FA 1	FA 2	FA 3	FA 4	FA 5
Plug Type					
Position A – 0°					
Position B – 90°					
Position C – 180°					



MULTIPOINT CLASS 150 LBS

Flanged Ends
Wrench Operated
Actuators Optional on All Sizes

Dimensions to ANSI B16.5 & B16.10

E = Clearance for resleeving

EG = Enclosed gear operated

N = Number of holes

Two (2) top holes in flanges are tapped with UNC threads. See Hole-UNC column
* 2 1/2" valves are made from 3" casting, but flanges are machined to 2 1/2" dimensions

SIZE	L		H		D		K		g		b		f		d		Q		G		Weight		E		N	Hole-UNC
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	kg	lbs	in	mm		
1/2"	4.25	108.00	3.38	86.00	3.50	88.90	2.38	60.5	1.38	35.0	0.37	9.50	0.06	1.60	0.63	16.0	8.00	203.00	8.00	203.00	2.5	6			4	
3/4"	4.63	117.50	3.38	86.00	3.88	98.50	2.75	69.9	1.68	42.9	0.37	9.50	0.06	1.60	0.63	16.0	8.00	203.00	8.00	203.00	3.2	7			4	
1"	5.00	127.00	4.50	114.00	4.25	108.00	3.13	79.5	2.00	50.8	0.44	11.20	0.06	1.60	0.63	16.0	9.00	229.00	9.00	229.00	5	11			4	
1 1/2"	6.50	165.10	5.31	135.00	5.00	127.00	3.88	98.6	2.88	73.2	0.56	14.20	0.06	1.60	0.63	16.0	14.25	362.00	14.25	362.00	8.2	18			4	
2"	7.00	177.80	6.25	159.00	6.00	152.40	4.75	120.7	3.63	92.0	0.63	16.00	0.06	1.60	0.75	19.0	16.50	419.00	16.50	419.00	13.6	30			4	
*2 1/2"	8.00	203.20	6.56	167.00	7.50	190.50	5.50	139.7	4.13	104.6	0.75	19.00	0.06	1.60	0.75	19.0	16.50	419.00	16.50	419.00	18.2	40			4	
3"	8.00	203.20	6.56	167.00	7.50	190.50	6.00	152.4	5.00	127.0	0.75	19.00	0.06	1.60	0.75	19.0	16.50	419.00	16.50	419.00	19.1	42			4	
4"	9.00	228.60	7.63	194.00	9.00	228.60	7.50	190.5	6.19	157.2	0.94	23.90	0.06	1.60	0.75	19.0	23.63	600.00	23.63	600.00	32.7	72			8	
4" EG	9.00	228.60	9.10	231.00	9.00	228.60	7.50	190.5	6.19	157.2	0.94	23.90	0.06	1.60	0.75	19.0	7.25	184.00	7.25	184.00	41.4	91			8	
6"	10.50	266.70	10.80	274.00	11.00	279.40	9.50	241.3	8.50	215.9	1.00	25.40	0.06	1.60	0.88	22.4	7.25	184.00	7.25	184.00	70.8	148			8	
8"	11.50	292.10	12.75	324.00	13.50	342.90	11.75	298.5	10.63	269.8	1.13	28.70	0.06	1.60	0.88	22.4	9.75	248.00	9.75	248.00	117.5	259			8	3/4"-10
10"	13.00	330.20	14.68	373.00	16.00	406.40	14.25	362.0	12.75	323.9	1.19	30.20	0.06	1.60	1.00	25.4	9.75	248.00	9.75	248.00	181.9	401			12	7/8"-9
12"	14.00	355.60	16.40	417.00	19.00	482.60	17.00	431.8	15.00	381.0	1.25	31.80	0.06	1.60	1.00	25.4	10.00	254.00	10.00	254.00	-	-			12	7/8"-9
14"	15.00	381.00	17.40	442.00	21.00	533.40	18.75	476.3	16.25	412.8	1.38	35.10	0.06	1.60	1.12	28.4	10.00	254.00	10.00	254.00	-	-			12	1"-8

MULTIPOINT CLASS 300 LBS

Flanged Ends
Wrench Operated
Actuators Optional on All Sizes

Dimensions to ANSI B16.5 & B16.10

E = Clearance for resleeving

EG = Enclosed gear operated

N = Number of holes

Two (2) top holes in flanges are tapped with UNC threads. See Hole-UNC column
* 2 1/2" valves are made from 3" casting, but flanges are machined to 2 1/2" dimensions

SIZE	L		H		D		K		g		b		f		d		Q		G		Weight		E		N	Hole-UNC
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	kg	lbs	in	mm		
1/2"	5.50	139.70	3.38	86.00	3.75	95.30	2.63	66.80	1.38	35.0	0.56	14.20	0.06	1.6	0.63	16.0	8.00	203	2.88	73.20	3.2	7.0			4	
3/4"	6.00	152.40	3.38	86.00	4.63	117.60	3.25	82.60	1.69	42.7	0.63	16.00	0.06	1.6	0.75	19.00	8.00	203	3.00	76.20	4.1	9.0			4	
1"	6.50	165.10	4.50	114.00	4.88	124.00	3.50	88.90	2.00	50.8	0.69	17.50	0.06	1.6	0.75	19.00	9.00	229	3.75	95.30	5.5	12.0			4	
1 1/2"	7.50	190.50	5.31	135.00	6.13	155.70	4.50	114.30	2.88	73.2	0.81	20.60	0.06	1.6	0.88	22.40	14.25	362	4.38	111.30	9.5	21.0			4	
2"	8.50	215.90	6.25	159.00	6.50	165.10	5.00	127.00	3.63	92.0	0.88	22.40	0.06	1.6	0.75	19.00	16.50	419	4.75	120.70	13.2	29.0			8	
*2 1/2"	11.13	282.70	6.56	167.00	8.25	209.6	5.88	149.40	4.13	104.6	1.13	28.70	0.06	1.6	0.88	22.40	16.50	419	5.56	141.20	21.8	48.0			8	
3"	11.13	282.70	6.56	167.00	8.25	209.6	6.63	168.40	5.00	127.0	1.13	28.70	0.06	1.6	0.88	22.40	16.50	419	5.56	141.20	21.8	48.0			8	
4"	12.00	304.80	7.63	194.00	10.00	254.00	7.88	200.20	6.19	157.2	1.25	31.80	0.06	1.6	0.88	22.40	23.63	600	6.75	171.50	42.0	92.0			8	
4" EG	12.00	304.80	9.10	231.00	10.00	254.00	7.88	200.20	6.19	157.2	1.25	31.80	0.06	1.6	0.88	22.40	7.25	184	6.75	171.50	54.0	119.0			8	
6"	15.88	403.40	10.80	274.00	12.50	317.50	10.63	270.00	8.50	215.9	1.44	36.6	0.06	1.6	0.88	22.40	7.25	184	8.50	215.90	91.4	201.0			12	
8"	16.50	419.10	12.75	324.00	15.00	381.00	13.00	330.20	10.63	269.8	1.63	41.40	0.06	1.6	1.00	25.40	9.75	248	10.00	254.00	141.4	311.0			12	
10"	18.00	457.20	14.68	373.00	17.50	444.50	15.25	387.40	12.75	323.9	1.88	47.80	0.06	1.6	1.13	28.70	9.75	248	-	-	210.9	464.0			16	
12"	19.75	501.70	16.40	417.00	20.50	520.70	17.75	450.90	15.00	381.0	2.00	50.80	0.06	1.6	1.25	31.80	10.00	254	-	-	279.0	614.0			16	
14"	30.00	762.00	17.40	442.00	23.00	584.20	20.25	514.40	16.25	412.8	2.12	53.80	0.06	1.6	1.25	31.80	10.00	254	-	-	363.0	800.0			20	

PLUG-ANSI-R001-2007

SLEEVED PLUG VALVES — MULTIPOINT

MULTIPOINT CLASS 300 LBS

Flanged Ends
Wrench Operated
Actuators Optional on All Sizes

Dimensions to ANSI B16.5 & B16.10

E = Clearance for resleeving

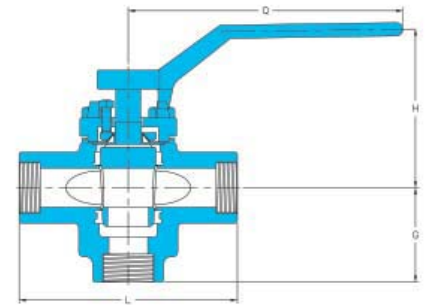
EG = Enclosed gear operated

N = Number of holes

Two (2) top holes in flanges are tapped with UNC threads. See Hole-UNC column

* 2 1/2" valves are made from 3" casting, but flanges are machined to 2 1/2" dimensions

SIZE	L		H		D		K		g		b		f		d		Q		G		Weight		E		N	Hole-UNC
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	kg	lbs	in	mm				
1/2"	5.50	139.70	3.38	86.00	3.75	95.30	2.63	66.80	1.38	35.0	0.56	14.20	0.06	1.6	0.63	16.0	8.00	203	2.88	73.20	3.2	7.0			4	
3/4"	6.00	152.40	3.38	86.00	4.63	117.60	3.25	82.60	1.69	42.7	0.63	16.00	0.06	1.6	0.75	19.00	8.00	203	3.00	76.20	4.1	9.0			4	
1"	6.50	165.10	4.50	114.00	4.88	124.00	3.50	88.90	2.00	50.8	0.69	17.50	0.06	1.6	0.75	19.00	9.00	229	3.75	95.30	5.5	12.0			4	
1 1/2"	7.50	190.50	5.31	135.00	6.13	155.70	4.50	114.30	2.88	73.2	0.81	20.60	0.06	1.6	0.88	22.40	14.25	362	4.38	111.30	9.5	21.0			4	
2"	8.50	215.90	6.25	159.00	6.50	165.10	5.00	127.00	3.63	92.0	0.88	22.40	0.06	1.6	0.75	19.00	16.50	419	4.75	120.70	13.2	29.0			8	
*2 1/2"	11.13	282.70	6.56	167.00	8.25	209.6	5.88	149.40	4.13	104.6	1.13	28.70	0.06	1.6	0.88	22.40	16.50	419	5.56	141.20	21.8	48.0			8	
3"	11.13	282.70	6.56	167.00	8.25	209.6	6.63	168.40	5.00	127.0	1.13	28.70	0.06	1.6	0.88	22.40	16.50	419	5.56	141.20	21.8	48.0			8	
4"	12.00	304.80	7.63	194.00	10.00	254.00	7.88	200.20	6.19	157.2	1.25	31.80	0.06	1.6	0.88	22.40	23.63	600	6.75	171.50	42.0	92.0			8	
4" EG	12.00	304.80	9.10	231.00	10.00	254.00	7.88	200.20	6.19	157.2	1.25	31.80	0.06	1.6	0.88	22.40	7.25	184	6.75	171.50	54.0	119.0			8	
6"	15.88	403.40	10.80	274.00	12.50	317.50	10.63	270.00	8.50	215.9	1.44	36.6	0.06	1.6	0.88	22.40	7.25	184	8.50	215.90	91.4	201.0			12	
8"	16.50	419.10	12.75	324.00	15.00	381.00	13.00	330.20	10.63	269.8	1.63	41.40	0.06	1.6	1.00	25.40	9.75	248	10.00	254.00	141.4	311.0			12	
10"	18.00	457.20	14.68	373.00	17.50	444.50	15.25	387.40	12.75	323.9	1.88	47.80	0.06	1.6	1.13	28.70	9.75	248	-	-	210.9	464.0			16	
12"	19.75	501.70	16.40	417.00	20.50	520.70	17.75	450.90	15.00	381.0	2.00	50.80	0.06	1.6	1.25	31.80	10.00	254	-	-	279.0	614.0			16	
14"	30.00	762.00	17.40	442.00	23.00	584.20	20.25	514.40	16.25	412.8	2.12	53.80	0.06	1.6	1.25	31.80	10.00	254	-	-	363.0	800.0			20	



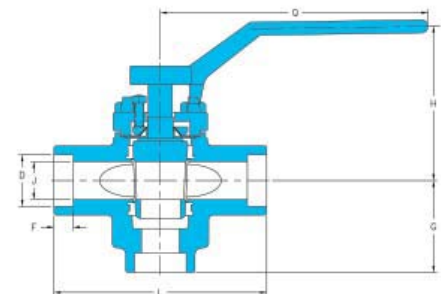
MULTIPOINT CLASS 150/300 LBS

Screwed Ends
Wrench Operated
Actuators Optional on All Sizes

Dimensions to ANSI B16.11

E = Clearance for resleeving

SIZE	L		H		G		Q		Weight		E	
	in	mm	in	mm	in	mm	in	mm	kg	lbs	in	mm
1/2"	3.93	100.00	3.38	85.90	1.69	42.90	8.00	203.00	2.1	4.7		
3/4"	3.93	100.00	3.38	85.50	1.80	45.70	8.00	203.00	2.1	4.7		
1"	5.50	140.00	4.50	114.00	2.38	60.50	9.00	229.00	3.2	7.1		
1 1/2"	6.30	160.00	5.31	135.00	2.88	73.20	14.25	362.00	6.4	14.2		
2"	7.87	200.00	6.25	159.00	3.38	85.90	16.50	419.00	10.4	23.0		



MULTIPOINT CLASS 150/300 LBS

Socket Weld Ends
Wrench Operated
Actuators Optional on All Sizes

Dimensions to ANSI B16.11

E = Clearance for resleeving

SIZE	L		H		D		J		F		G		Q		Weight		E	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	kg	lbs	in	mm
1/2"	3.93	100.00	3.38	85.90	0.85	21.70	0.55	14.00	0.37	9.50	1.69	42.90	8.00	203.00	2.1	4.7		
3/4"	3.93	100.00	3.38	85.50	1.07	27.20	0.75	19.00	0.50	12.70	1.80	45.70	8.00	203.00	2.1	4.7		
1"	5.50	140.00	4.50	114.00	1.34	34.00	0.98	25.00	0.50	12.70	2.38	60.50	9.00	229.00	3.2	7.1		
1 1/2"	6.30	160.00	5.31	135.00	1.92	48.80	1.50	38.00	0.50	12.70	2.88	73.20	14.25	362.00	6.4	14.2		
2"	7.87	200.00	6.25	159.00	2.40	61.00	1.97	50.00	0.66	16.70	3.38	85.90	16.50	419.00	10.4	23.0		