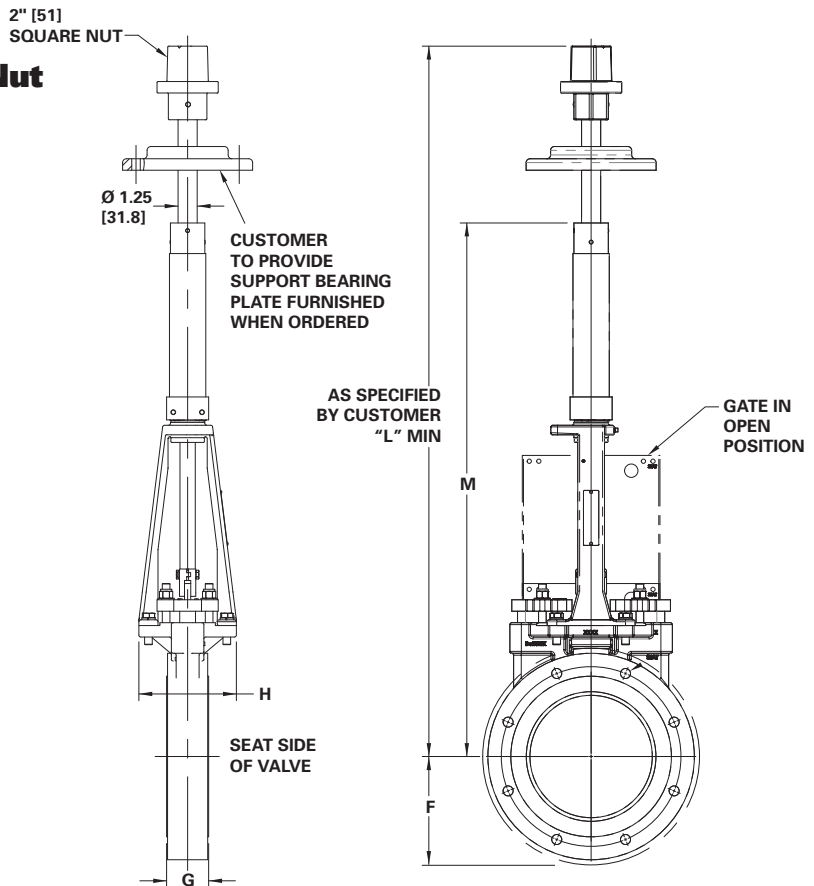


Dimensions

Standard Flanged Valve and Nut

Valve Size	Dimensions				
	F	G	H	L	M
2" 50mm	3.25 83	1.88 48	4.00 102	22.44 570	17.63 448
2.5" 65mm	3.64 92	2.00 51	4.75 121	25.60 650	19.79 503
3" 80mm	3.75 95	2.00 51	4.75 121	25.92 658	20.11 511
4" 100mm	4.50 114	2.00 51	5.00 127	28.20 716	23.39 594
5" 125mm	5.00 127	2.25 57	5.75 146	32.62 829	27.81 706
6" 150mm	5.50 140	2.25 57	5.75 146	34.20 869	29.39 747
8" 200mm	6.75 171	2.75 70	6.38 162	39.70 1008	34.89 886
10" 250mm	8.00 203	2.75 70	8.25 210	46.53 1182	41.72 1060
12" 300mm	9.50 241	3.00 76	8.25 210	52.19 1326	47.38 1203
14" 350mm	10.50 267	3.00 76	8.25 210	63.19 1605	58.38 1483
16" 400mm	11.75 298	3.50 89	8.69 221	70.63 1794	65.82 1672

Inches
Millimeters

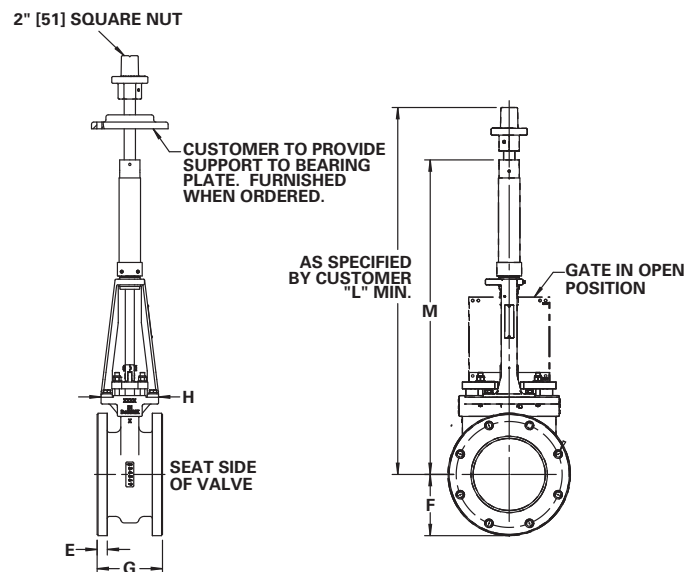


Dimensions

Extended Flange Valve & Extended Nut

Valve Size	Dimensions						
	E	F	G		H	L	M
			EFS	EFL			
2" 50mm	0.75 19	3.25 83	5.88 149	6.88 175	4.00 102	22.44 570	17.63 448
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	24.92 633	20.11 511
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	28.20 716	23.39 594
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	32.62 829	27.81 706
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	34.20 869	29.39 747
8" 200mm	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	39.70 1008	34.89 886
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	46.53 1182	41.72 1060
12" 300mm	1.25 32	9.50 241	N/A	10.13 257	8.25 210	52.19 1326	47.38 1203
14" 350mm	1.38 35	10.50 267	N/A	10.13 257	8.25 210	63.19 1605	58.38 1483
16" 400mm	1.44 37	11.75 298	N/A	11.00 279	8.69 221	70.63 1794	65.82 1672

Inches
Millimeters

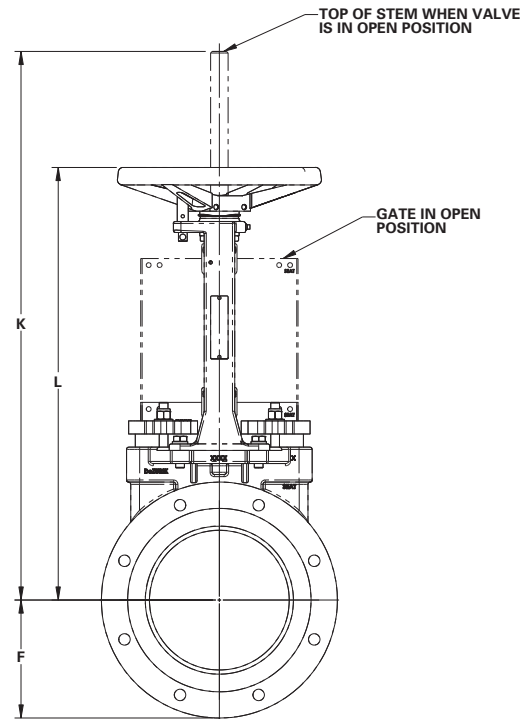
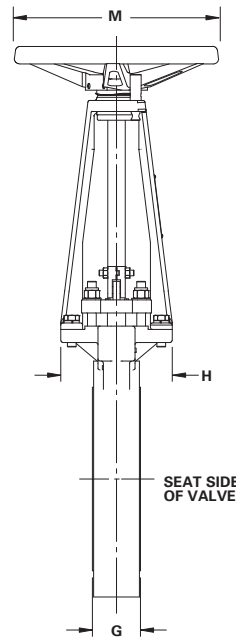


Dimensions

Standard Flanged Valve and Handwheel

Valve Size	Dimensions					
	F	G	H	K	L	M
2"	3.25	1.88	4.00	14.93	13.25	8.00
50mm	83	48	102	379	337	203
2.5"	3.64	2.00	4.75	16.44	14.42	8.00
65mm	92	51	121	418	366	203
3"	3.75	2.00	4.75	16.62	14.74	8.00
80mm	95	51	121	422	374	203
4"	4.50	2.00	5.00	19.94	17.27	12.00
100mm	114	51	127	506	439	305
5"	5.00	2.25	5.75	24.35	19.71	12.00
125mm	127	57	146	618	501	305
6"	5.50	2.25	5.75	26.04	21.22	12.00
150mm	140	57	146	661	539	305
8"	6.75	2.75	6.38	31.54	24.63	16.00
200mm	171	70	162	801	626	406
10"	8.00	2.75	8.25	39.05	30.10	16.00
250mm	203	70	210	992	765	406
12"	9.50	3.00	8.25	44.75	33.79	16.00
300mm	241	76	210	1137	858	406
14"	10.50	3.00	8.30	53.66	36.53	20.00
350mm	267	76	211	1363	928	508
16"	11.75	3.50	8.70	57.23	40.23	20.00
400mm	298	8	221	1454	1022	508

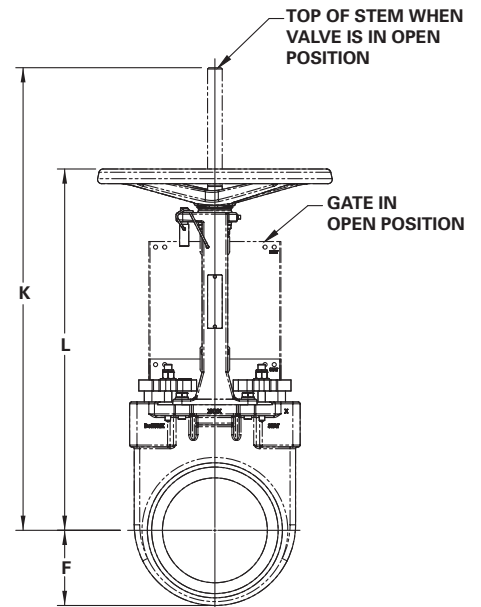
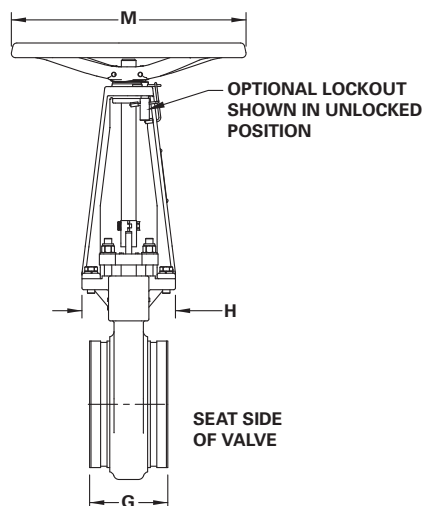
Inches
Millimeters



Grooved End Valve and Handwheel

Valve Size	Dimensions					
	F	G	H	K	L	M
2"	2.19	3.21	4.00	14.85	13.30	8.00
50mm	56	82	102	377	338	203
3"	3.00	3.77	4.75	16.76	14.74	8.00
80mm	76	96	121	426	374	203
4"	3.19	4.63	5.00	20.04	17.27	12.00
100mm	81	118	127	509	439	305
5"	3.66	5.88	5.75	24.48	19.71	12.00
125mm	93	149	146	622	501	305
6"	4.38	5.88	5.75	26.04	21.22	12.00
150mm	111	149	146	661	539	305
8"	5.13	5.33	6.38	31.54	24.63	16.00
200mm	130	135	162	801	626	406
10"	6.54	6.40	8.25	39.25	30.10	16.00
250mm	166	163	210	997	765	406
12"	7.38	6.50	8.25	44.93	33.79	16.00
300mm	187	165	210	1141	858	406

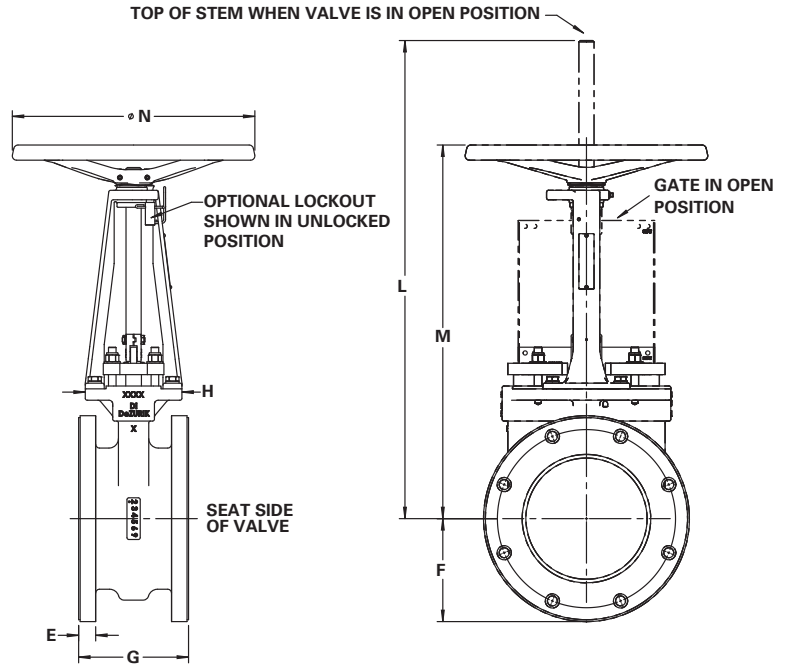
Inches
Millimeters



Dimensions

Extended Flanged Valve & Handwheel

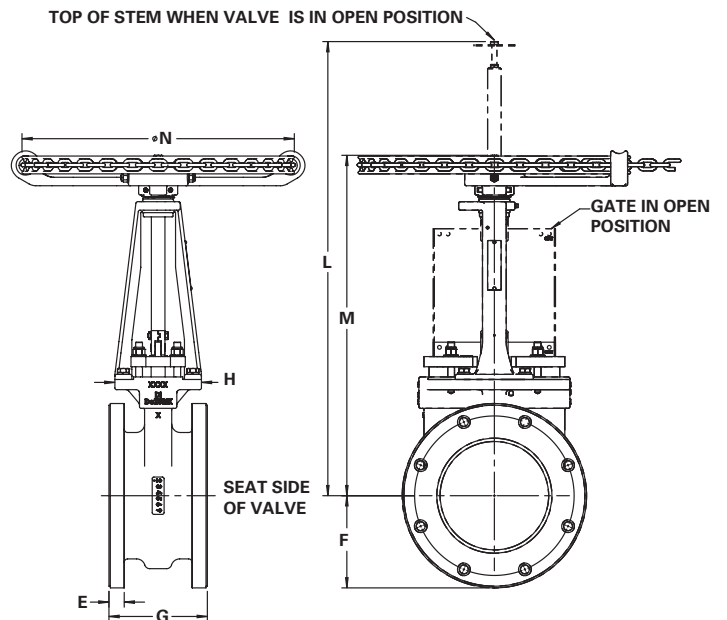
Valve Size	Dimensions							
	E	F	G		H	L	M	N
			EFS	EFL				
2" 50mm	0.75 19	3.25 83	5.88 149	6.88 175	4.00 102	14.93 379	13.25 337	8.00 203
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	16.62 422	14.74 374	8.00 203
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	19.94 506	17.27 439	12.00 305
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	24.35 618	19.71 501	12.00 305
	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	24.35 618	19.58 497	16.00 406
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	26.04 661	21.22 539	12.00 305
	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	26.04 661	21.14 537	16.00 406
8" 200mm	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	31.54 801	24.63 626	16.00 406
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	39.05 992	30.10 765	16.00 406
12" 300mm	1.25 32	9.50 241	N/A	10.13 257	8.25 210	44.75 1137	33.79 858	16.00 406



Dimensions

Extended Flanged Valve & Chainwheel

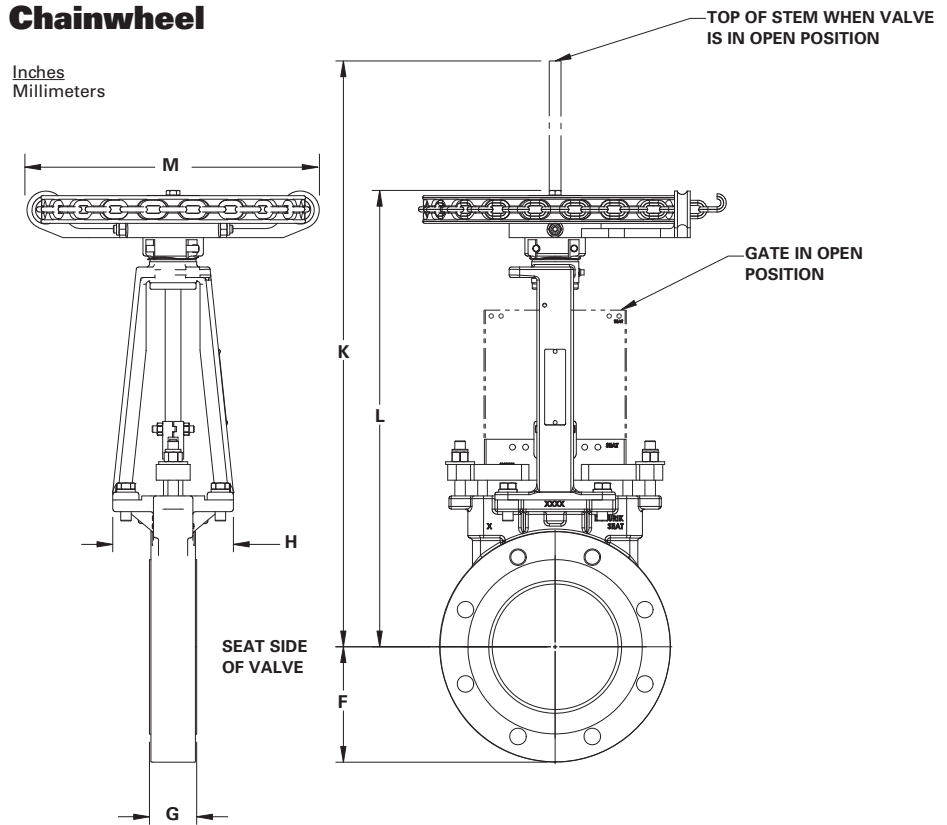
Valve Size	Dimensions							
	E	F	G		H	L	M	N
			EFS	EFL				
2" 50mm	0.75 19	3.25 83	5.88 149	6.88 175	4.00 102	15.94 405	13.83 351	8.00 203
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	18.63 473	15.49 393	8.00 203
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	21.74 552	17.60 447	12.00 305
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	25.17 639	20.03 509	12.00 305
	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	25.17 639	20.03 509	20.00 508
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	27.74 705	21.58 548	20.00 508
	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	33.31 846	25.07 637	20.00 508
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	40.86 1038	30.57 776	20.00 508
12" 300mm	1.25 32	9.50 241	N/A	10.13 257	8.25 210	46.94 1192	34.58 878	20.00 508



Dimensions

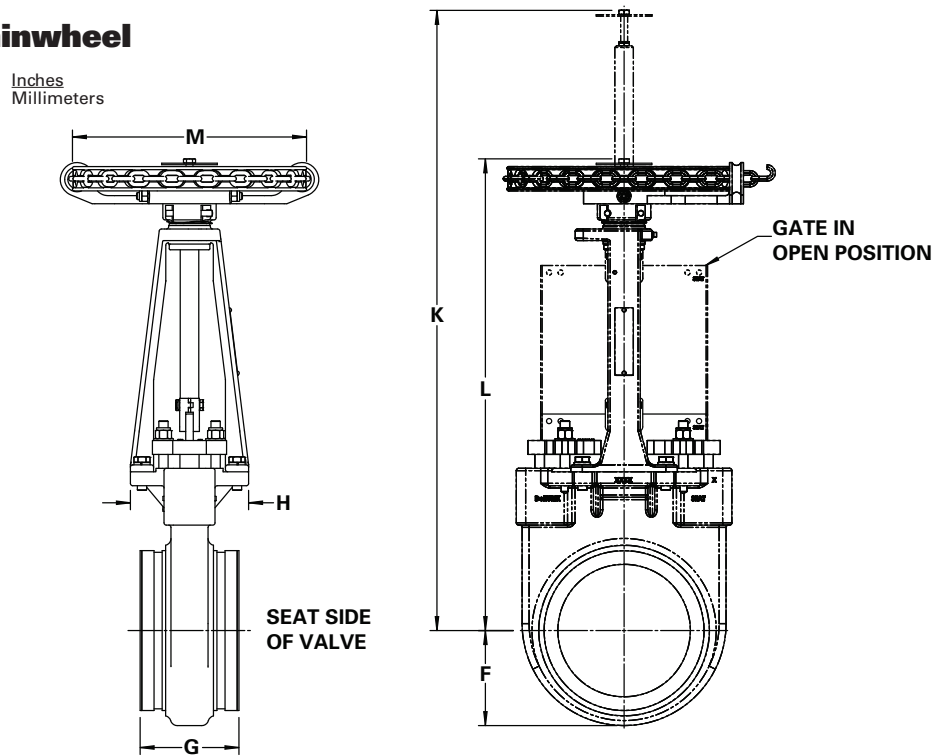
Standard Flanged Valve and Chainwheel

Valve Size	Dimensions					
	F	G	H	K	L	M
2"	3.25	1.88	4.00	15.94	13.83	8.00
50mm	83	48	102	405	351	203
2.5"	3.64	2.00	4.75	18.44	15.72	8.00
65mm	92	51	121	468	399	203
3"	3.75	2.00	4.75	18.63	15.49	8.00
80mm	95	51	121	473	393	203
4"	4.50	2.00	5.00	21.74	17.60	12.00
100mm	114	51	127	552	447	305
5"	5.00	2.25	5.75	25.17	20.03	12.00
	127	57	146	639	509	305
125mm	5.00	2.25	5.75	25.17	20.03	20.00
	127	57	146	639	509	508
6"	5.50	2.25	5.75	27.74	21.58	20.00
150mm	140	57	146	705	548	508
8"	6.75	2.75	6.38	33.31	25.07	20.00
200mm	171	70	162	846	637	508
10"	8.00	2.75	8.25	40.86	30.57	20.00
250mm	203	70	210	1038	776	508
12"	9.50	3.00	8.25	46.94	34.58	20.00
300mm	241	76	210	1192	878	508
14"	10.50	3.00	8.25	53.56	41.09	30.00
350mm	267	76	210	1360	1044	762
16"	11.75	3.50	8.69	57.23	42.69	30.00
400mm	298	89	221	1454	1084	762



Grooved End Valve and Chainwheel

Valve Size	Dimensions					
	F	G	H	K	L	M
2"	2.19	3.21	4.00	16.33	13.95	8.00
50mm	56	82	102	415	354	203
3"	3.00	3.77	4.75	18.76	15.63	8.00
80mm	76	96	121	477	397	203
4"	3.19	4.63	5.00	21.98	17.89	12.00
100mm	81	118	127	558	454	305
5"	3.66	5.88	5.75	25.68	20.58	12.00
	93	149	146	652	523	305
125mm	3.66	5.88	5.75	25.68	20.58	20.00
	93	149	146	652	523	508
6"	4.38	5.88	5.75	27.92	21.72	20.00
150mm	111	149	146	709	552	508
8"	5.13	5.33	6.38	33.45	25.44	20.00
200mm	130	135	162	850	646	508
10"	6.54	6.40	8.25	41.06	30.93	20.00
250mm	166	163	210	1043	786	508
12"	7.38	6.50	8.25	47.13	34.97	20.00
300mm	187	165	210	1197	888	508

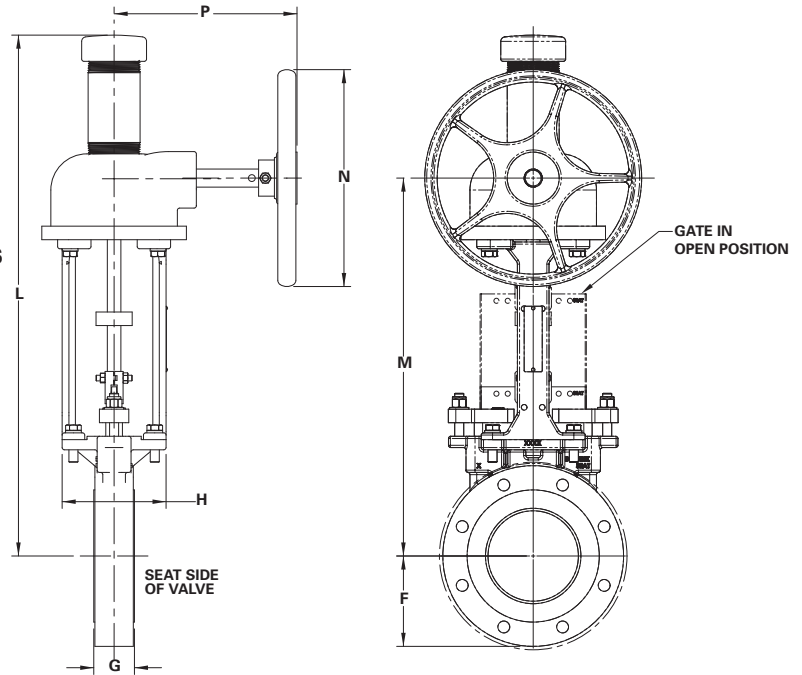


Dimensions

Standard Flanged Valve and Bevel Gear Handwheel 3-8" MU & HP Body Styles

Valve Size	Dimensions						
	F	G	H	L	M	N	P
3"	3.75	2.00	4.75	22.12	16.19	12.00	10.12
80mm	95	51	121	562	411	305	257
4"	4.50	2.00	5.00	24.38	18.47	12.00	10.12
100mm	114	51	127	619	469	305	257
5"	5.80	2.25	5.75	28.82	20.91	12.00	10.12
125mm	147	57	146	732	531	305	257
6"	5.48	2.25	5.75	30.39	22.47	12.00	10.12
150mm	139	57	146	772	571	305	257
8"	6.75	2.75	6.38	35.89	25.97	12.00	10.12
200mm	171	70	162	912	660	305	257

Inches
Millimeters



10" & Larger MU & HP Body Styles

Valve Size	Dimensions				
	F	G	H	L	M
10"	8.00	2.75	8.24	46.57	31.66
250mm	203	70	209	1183	804
12"	9.50	3.00	8.25	50.26	35.35
300mm	241	76	210	1277	898
14"	10.50	3.00	8.25	56.82	37.91
350mm	267	76	210	1443	963
16"	11.75	3.50	8.69	60.51	41.60
400mm	298	89	221	1537	1057
18"	12.50	3.50	9.31	69.95	47.04
450mm	318	89	236	1777	1195
20"	13.75	4.50	9.42	73.63	50.72
500mm	349	114	239	1870	1288
24"	16.00	4.50	9.42	81.20	61.58
600mm	406	114	239	2062	1564
30"	19.38	5.50	11.25	109.58	76.00
750mm	492	140	286	2783	1930
36"	23.00	6.00	12.00	121.46	87.49
900mm	584	152	305	3085	2222
42"	26.50	6.50	13.50	150.30	103.51
1050mm	673	165	343	3818	2629
48"	29.75	7.00	18.50	163.64	116.85
1200mm	756	178	470	4156	2968

Standard Flanged Valve 10" & Larger, MU Body Style

Valve Size	MU Body Style		
	N	P	
		Standard & 180 Mounting	90 & 270 Mounting
10"	12.00	10.12	10.12
250mm	305	257	257
12"	12.00	10.12	10.12
300mm	305	257	257
14"	12.00	10.12	24.13
350mm	305	257	613
16"	16.00	17.62	24.13
400mm	406	448	613
18"	24.00	17.62	32.88
450mm	610	448	835
20"	24.00	17.62	32.88
500mm	610	448	835
24"	24.00	23.75	33.75
600mm	610	603	857
30"	24.00	23.75	33.75
750mm	610	603	857
36"	24.00	23.75	32.87
900mm	610	603	835
42"	24.00	25.55	36.57
1050mm	610	649	929
48"	24.00	25.55	36.57
1200mm	610	649	929

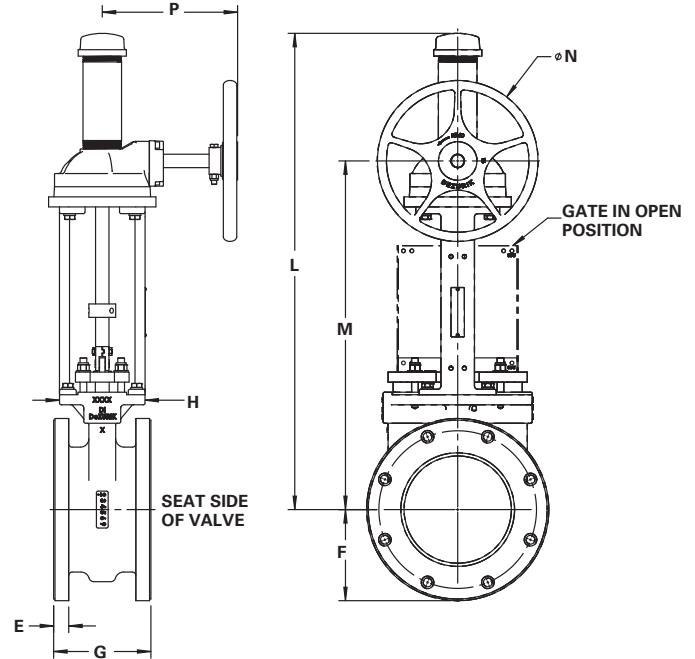
Standard Flanged Valve 10" & Larger, HP Body Style

Valve Size	HP Body Style		
	N	P	
		Standard & 180 Mounting	90 & 270 Mounting
10"	16.00	10.50	10.50
250mm	406	267	267
12"	16.00	10.50	10.50
300mm	406	267	267
14"	16.00	10.50	24.15
350mm	406	267	613
16"	24.00	17.62	32.88
400mm	610	448	835
18"	30.00	9.75	24.13
450mm	762	248	613
20"	36.00	23.15	38.40
500mm	914	588	975
24"	24.00	23.75	33.75
600mm	610	603	857
30"	24.00	26.57	36.57
750mm	610	675	929
36"	24.00	26.57	36.57
900mm	610	675	929
42"	30.00	17.68	28.72
1050mm	762	449	729
48"	30.00	17.68	28.72
1200mm	762	449	729

Dimensions

Extended Flanged Valve & Bevel Gear Handwheel 3-12" Valve Sizes

Valve Size	Dimensions							
	E	F	G		H	L	M	N
			EFS	EFL				
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	22.12 562	16.19 411	12.00 305
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	24.38 619	18.47 469	12.00 305
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	28.82 732	20.91 531	12.00 305
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	30.39 772	22.47 571	12.00 305
8" 200mm	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	35.89 912	25.97 660	12.00 305
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	46.57 1183	31.66 804	12.00 305
12" 300mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	46.57 1183	31.66 804	16.00 406
	1.25 32	9.50 241	N/A	10.13 257	8.25 210	50.26 1277	35.35 898	12.00 305
	1.25 32	9.50 241	N/A	10.13 257	8.25 210	50.26 1277	35.35 898	16.00 406



14" & Larger MU & HP Body Styles

Valve Size	Dimensions			
	E	F	G	H
14" 350mm	1.38 35	10.50 267	10.13 257	8.25 210
16" 400mm	1.44 37	11.75 298	11.00 279	8.69 221
18" 450mm	1.56 40	12.50 318	12.25 311	9.31 236
20" 500mm	1.69 43	13.75 349	14.13 359	9.42 239
24" 600mm	1.87 47	16.00 406	14.63 372	9.42 239
30" 750mm	2.94 75	19.38 492	15.57 395	11.25 286
36" 900mm	3.56 90	23.00 584	18.50 470	12.00 305
42" 1050mm	3.81 97	26.50 673	21.13 537	13.50 343
48" 1200mm	4.25 108	29.75 756	21.13 537	18.50 470

MU Body Styles

Valve Size	Dimensions				
	L	M	N	Std & 180 Mounting	90 & 270 Mounting
14" 350mm	56.82 1443	37.91 963	12.00 305	10.12 257	24.59 625
16" 400mm	60.51 1537	41.60 1057	16.00 406	10.50 267	24.09 612
18" 450mm	69.95 1777	47.04 1195	24.00 610	24.18 614	24.09 612
20" 500mm	73.63 1870	50.72 1288	24.00 610	24.16 614	32.40 823
24" 600mm	83.60 2123	61.58 1564	24.00 610	24.18 614	32.40 823
30" 750mm	109.58 2783	76.00 1930	24.00 610	24.18 614	33.31 846
36" 900mm	121.46 3085	87.49 2222	24.00 610	24.18 614	33.31 846
42" 1050mm	150.30 3818	103.51 2629	24.00 610	27.01 686	36.14 918
48" 1200mm	163.64 4156	116.85 2968	24.00 610	27.01 686	36.14 918

HP Body Style

Valve Size	Dimensions				
	L	M	N	Std & 180 Mounting	90 & 270 Mounting
14" 350mm	56.82 1443	37.91 963	16.00 406	10.50 267	24.09 612
16" 400mm	60.51 1537	41.60 1057	24.00 610	24.18 614	32.40 823
18" 450mm	69.95 1777	47.04 1195	30.00 762	10.46 266	24.09 612
20" 500mm	73.63 1870	50.72 1288	36.00 914	23.87 606	37.50 953
24" 600mm	83.60 2123	61.58 1564	24.00 610	24.18 614	33.31 846
30" 750mm	111.95 2844	77.16 1960	24.00 610	27.01 686	36.14 918
36" 900mm	123.45 3136	88.66 2252	24.00 610	27.01 686	36.14 918
42" 1050mm	150.30 3818	103.51 2629	30.00 762	18.70 475	27.82 707
48" 1200mm	163.64 4156	116.85 2968	30.00 762	18.70 475	27.82 707

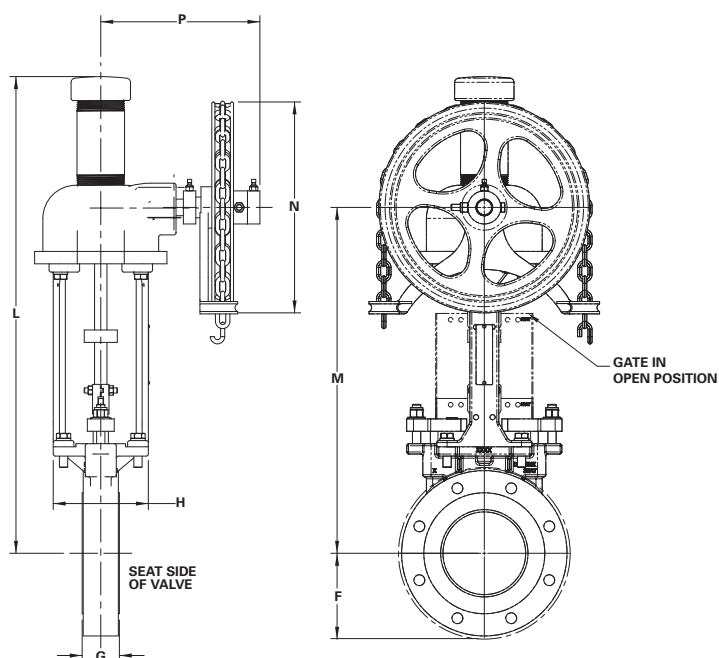
Dimensions

Standard Flanged Valve and Bevel Gear Chainwheel

3-8" MU & HP Body Styles

Valve Size	Dimensions							P	
	F	G	H	L	M	N	Standard & 180 Mounting	90 & 270 Mounting	
3" 80mm	3.75 95	2.00 51	4.75 121	22.12 562	16.19 411	12.75 324	9.62 244	9.62 244	
4" 100mm	4.50 114	2.00 51	5.00 127	24.39 620	18.47 469	12.75 324	9.62 244	9.62 244	
5" 125mm	5.80 147	2.25 57	5.75 146	28.83 732	20.89 531	12.75 324	9.62 244	9.62 244	
6" 150mm	5.48 139	2.25 57	5.75 146	30.41 772	22.47 571	12.75 324	9.62 244	9.62 244	
8" 200mm	6.75 171	2.75 70	6.38 162	34.90 886	25.97 660	12.75 324	9.62 244	9.62 244	

Inches
Millimeters



Flanged Valve

10" & Larger, MU Body Style

Valve Size	Dimensions							P	
	F	G	H	L	M	N	Standard & 180 Mounting	90 & 270 Mounting	
10" 250mm	8.00 203	2.75 70	8.24 209	46.57 1183	31.66 804	12.00 305	9.62 244	9.62 244	
12" 300mm	9.50 241	3.00 76	8.25 210	50.26 1277	35.35 898	12.00 305	9.62 244	9.62 244	
14" 350mm	10.50 267	3.00 76	8.25 210	56.82 1443	37.91 963	12.75 324	9.62 244	24.12 613	
16" 400mm	11.75 298	3.50 89	8.69 221	60.51 1537	41.60 1057	20.00 508	9.62 244	24.12 613	
18" 450mm	12.50 318	3.50 89	9.31 236	69.95 1777	47.04 1195	30.00 762	9.62 244	24.12 613	
20" 500mm	13.75 349	4.50 114	9.42 239	73.63 1870	50.72 1288	30.00 762	9.62 244	24.12 613	
24" 600mm	16.19 411	4.50 114	9.42 239	81.20 2062	61.58 1564	20.00 508	15.00 381	25.00 635	
30" 750mm	19.38 492	5.50 140	11.25 286	109.58 2783	76.00 1930	20.00 508	15.00 381	25.00 635	
36" 900mm	23.00 584	6.00 152	12.00 305	121.46 3085	87.49 2222	30.00 762	15.00 381	25.00 635	
42" 1050mm	26.50 673	6.50 165	13.50 343	150.30 3818	103.51 2629	30.00 762	17.82 453	27.82 707	
48" 1200mm	29.75 756	7.00 178	18.50 470	163.64 4156	116.85 2968	30.00 762	17.82 453	27.82 707	

Flanged Valve

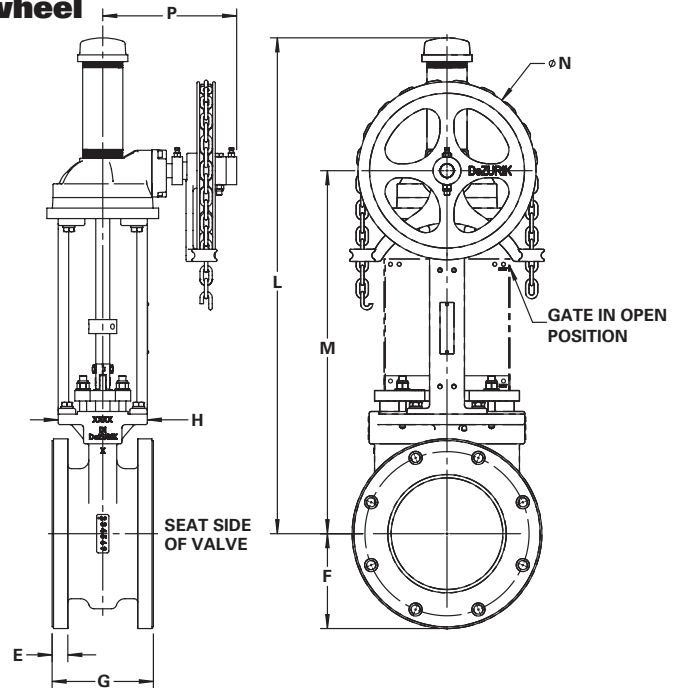
10" & Larger, HP Body Style

Valve Size	Dimensions							P	
	F	G	H	L	M	N	Standard & 180 Mounting	90 & 270 Mounting	
10" 250mm	8.00 203	2.75 70	8.24 209	46.57 1183	31.66 804	20.00 508	9.62 244	9.62 244	
12" 300mm	9.50 241	3.00 76	8.25 210	50.26 1277	35.35 898	20.00 508	9.62 244	9.62 244	
14" 350mm	10.50 267	3.00 76	8.25 210	56.82 1443	37.91 963	20.00 508	9.62 244	24.12 613	
16" 400mm	11.75 298	3.50 89	8.69 221	60.51 1537	41.60 1057	30.00 762	9.62 244	24.12 613	
18" 450mm	12.50 318	3.50 89	9.31 236	69.95 1777	47.04 1195	30.00 762	9.62 244	24.12 613	
20" 500mm	13.75 349	4.50 114	9.42 239	73.63 1870	53.61 1362	30.00 762	15.00 381	25.00 635	
24" 600mm	16.19 411	4.50 114	9.42 239	81.20 2062	61.58 1564	30.00 762	15.00 381	25.00 635	
30" 750mm	19.38 492	5.50 140	11.25 286	111.95 2844	77.16 1960	30.00 762	17.82 453	25.00 635	
36" 900mm	23.00 584	6.00 152	12.00 305	123.45 3136	88.65 2252	30.00 762	17.82 453	27.82 707	
42" 1050mm	26.50 673	6.50 165	13.50 343	150.30 3818	103.51 2629	30.00 762	17.82 453	27.82 707	
48" 1200mm	29.75 756	7.00 178	18.50 470	163.64 4156	116.85 2968	30.00 762	17.82 453	27.82 707	

Dimensions

Extended Flanged Valve & Bevel Gear Chainwheel 3-12" Valve Sizes

Valve Size	Dimensions							
	E	F	G		H	L	M	N
			EFS	EFL				
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	22.12 562	16.19 411	12.00 305
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	24.38 619	18.47 469	12.00 305
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	28.82 732	20.91 531	12.00 305
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	30.39 772	22.47 571	12.00 305
8" 200mm	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	35.89 912	25.97 660	12.00 305
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	46.57 1183	31.66 804	12.00 305
12" 300mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	46.57 1183	31.66 804	20.00 508
	1.25 32	9.50 241	N/A	10.13 257	8.25 210	50.26 1277	35.35 898	12.00 305
	1.25 32	9.50 241	N/A	10.13 257	8.25 210	50.26 1277	35.35 898	20.00 508



14" & Larger

MU & HP Body Styles

Valve Size	Dimensions			
	E	F	G EFL	H
14" 350mm	1.38 35	10.50 267	10.13 257	8.25 210
16" 400mm	1.44 37	11.75 298	11.00 279	8.69 221
18" 450mm	1.56 40	12.50 318	12.25 311	9.31 236
20" 500mm	1.69 43	13.75 349	14.13 359	9.42 239
24" 600mm	1.87 47	16.00 406	14.63 372	9.42 239
30" 750mm	2.94 75	19.38 492	15.57 395	11.25 286
36" 900mm	3.56 90	23.00 584	18.50 470	12.00 305
42" 1050mm	3.81 97	26.50 673	21.13 537	13.50 343
48" 1200mm	4.25 108	29.75 756	21.13 537	18.50 470

MU Body Styles

Valve Size	Dimensions				
	L	M	N	Std & 180 Mounting	90 & 270 Mounting
14" 350mm	56.86 1444	37.91 963	12.00 305	9.59 244	24.09 612
16" 400mm	60.51 1537	41.60 1057	20.00 508	9.59 244	24.09 612
18" 450mm	69.95 1777	47.04 1195	20.00 508	9.59 244	24.09 612
20" 500mm	73.63 1870	50.72 1288	20.00 508	9.59 244	24.09 612
24" 600mm	83.60 2123	61.58 1564	20.00 508	15.00 381	25.00 635
30" 750mm	109.58 2783	76.00 1930	20.00 508	15.00 381	25.00 635
36" 900mm	121.46 3085	87.49 2222	30.00 762	15.00 381	25.00 635
42" 1050mm	150.30 3818	103.51 2629	30.00 762	17.82 453	27.82 707
48" 1200mm	163.64 4156	116.85 2968	30.00 762	17.82 453	27.82 707

HP Body Style

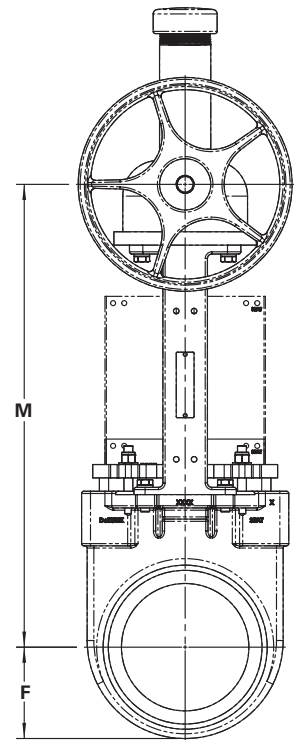
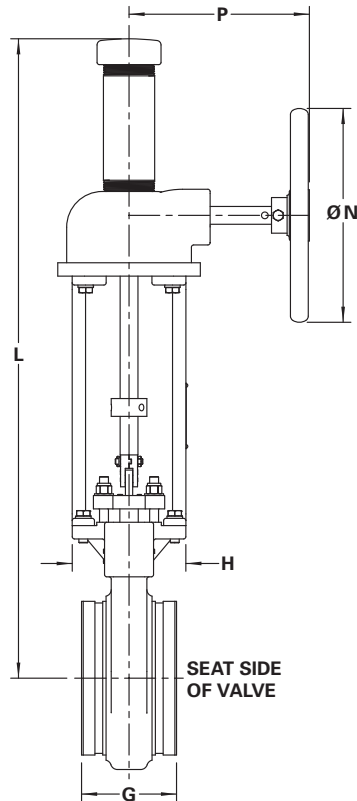
Valve Size	Dimensions				
	L	M	N	Std & 180 Mounting	90 & 270 Mounting
14" 350mm	56.82 1443	37.91 963	20.00 508	9.59 244	24.09 612
16" 400mm	60.51 1537	41.60 1057	30.00 762	9.59 244	24.09 612
18" 450mm	69.95 1777	47.04 1195	30.00 762	9.59 244	24.09 612
20" 500mm	73.63 1870	50.72 1288	30.00 762	9.59 244	24.09 612
24" 600mm	81.20 2062	61.58 1564	30.00 762	15.00 381	25.00 635
30" 750mm	111.95 2844	77.16 1960	30.00 762	17.82 453	27.82 707
36" 900mm	123.45 3136	88.66 2252	30.00 762	17.82 453	27.82 707
42" 1050mm	150.30 3818	103.51 2629	30.00 762	17.82 453	27.82 707
48" 1200mm	163.64 4156	116.85 2968	30.00 762	17.82 453	27.82 707

Dimensions

Grooved End Valved and Bevel Gear Handwheel

Valve Size	Dimensions						
	F	G	H	L	M	N	P
3"	3.00	3.77	4.75	22.06	16.19	12.00	10.12
80mm	76	96	121	560	411	305	257
4"	3.19	4.63	5.00	24.38	18.47	12.00	10.12
100mm	81	118	127	619	469	305	257
5"	3.66	5.88	5.75	28.82	20.91	12.00	10.12
125mm	93	149	146	732	531	305	257
6"	4.38	5.88	5.75	30.38	22.47	12.00	10.12
150mm	111	149	146	772	571	305	257
8"	5.13	5.33	6.38	35.88	25.97	12.00	10.12
200mm	130	135	162	911	660	305	257
10"	6.54	6.40	8.25	46.57	31.66	12.00	10.12
250mm	166	163	210	1183	804	305	257
	6.54	6.40	8.25	46.57	31.66	16.00	10.50
	166	163	210	1183	804	406	267
12"	7.38	6.50	8.25	50.26	35.35	12.00	10.12
300mm	187	165	210	1277	898	305	257
	7.38	6.50	8.25	50.26	35.35	16.00	10.50
	187	165	210	1277	898	406	267

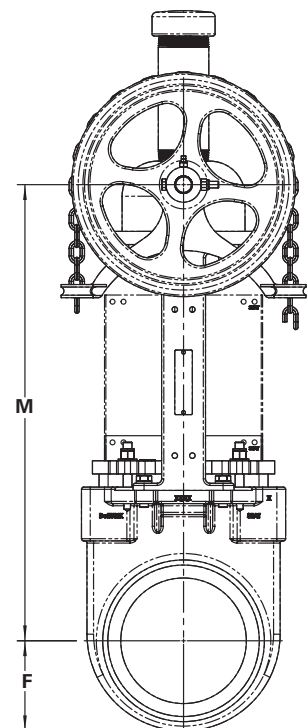
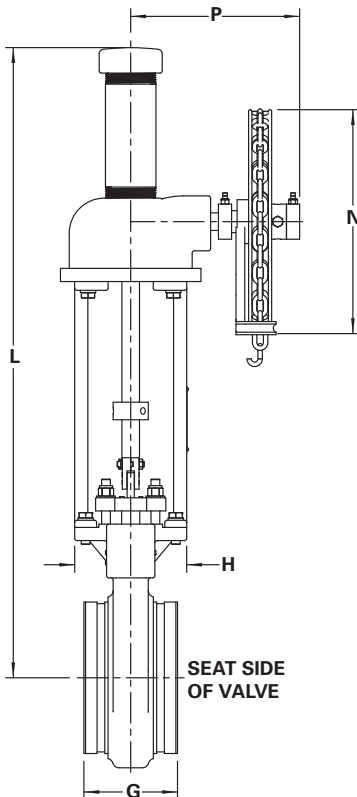
Inches
Millimeters



Grooved End Valved and Bevel Gear Chainwheel

Valve Size	Dimensions						
	F	G	H	L	M	N	P
3"	3.00	3.77	4.75	22.06	16.19	12.00	9.62
80mm	76	96	121	560	411	305	244
4"	3.19	4.63	5.00	24.38	18.47	12.00	9.62
100mm	81	118	127	619	469	305	244
5"	3.66	5.88	5.75	28.82	20.91	12.00	9.62
125mm	93	149	146	732	531	305	244
6"	4.38	5.88	5.75	30.38	22.47	12.00	9.62
150mm	111	149	146	772	571	305	244
8"	5.13	5.33	6.38	35.88	25.97	12.00	9.62
200mm	130	135	162	911	660	305	244
10"	6.54	6.40	8.25	46.57	31.66	12.00	9.62
250mm	166	163	210	1183	804	305	244
	6.54	6.40	8.25	46.57	31.66	20.00	9.62
	166	163	210	1183	804	508	244
12"	7.38	6.50	8.25	50.26	35.35	12.00	9.62
300mm	187	165	210	1277	898	305	244
	7.38	6.50	8.25	50.26	35.35	20.00	9.62
	187	165	210	1277	898	508	244

Inches
Millimeters

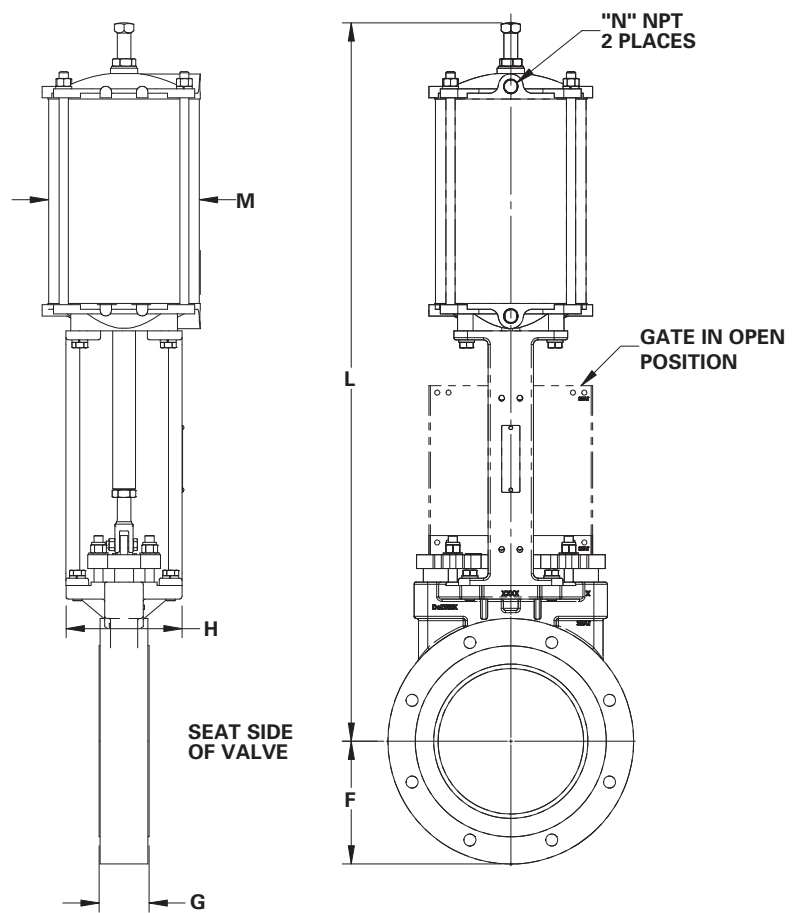


Dimensions

Standard Flanged Valve and Cylinder Actuator

Valve Size	Dimensions		
	F	G	H
2"	3.25	1.88	4.00
50mm	83	48	102
2.5"	3.64	2.00	4.75
65mm	92	51	121
3"	3.75	2.00	4.75
80mm	95	51	121
4"	4.50	2.00	5.00
100mm	114	51	127
5"	5.00	2.25	5.75
125mm	127	57	146
6"	5.50	2.25	5.75
150mm	140	57	146
8"	6.75	2.75	6.38
200mm	171	70	162
10"	8.00	2.75	8.25
250mm	203	70	210
12"	9.50	3.00	8.25
300mm	241	76	210
14"	10.50	3.00	8.25
350mm	267	76	210
16"	11.75	3.50	8.69
400mm	298	89	221
18"	12.50	3.50	9.31
450mm	318	89	237
20"	13.75	4.50	9.42
500mm	349	114	239
24"	16.00	4.50	9.42
600mm	406	114	239

Inches
Millimeters



Cylinder Actuator

Actuator Code	Dimensions															M	N
	L																
	2" 50mm	2.5" 65mm	3" 80mm	4" 100mm	5" 125mm	6" 150mm	8" 200mm	10" 250mm	12" 300mm	14" 350mm	16" 400mm	18" 450mm	20" 500mm	24" 600mm			
CY-PC4	22.18 563	23.53 598	23.84 606	26.12 663	30.47 774	32.09 815	—	—	—	—	—	—	—	—	5.38 137	1/4	
CY-PC6	—	—	—	29.45 748	32.13 816	33.48 850	39.25 997	—	—	—	—	—	—	—	7.88 200	1/4	
CY-PC8	—	—	—	—	32.50 826	34.13 867	39.63 1007	49.16 1249	53.18 1351	—	—	—	—	—	10.50* 267	1/2	
CY-PC10	—	—	—	—	—	—	—	50.66 1287	54.35 1380	60.56 1538	64.25 1632	—	—	—	10.88 276	1/2	
CY-PC12	—	—	—	—	—	—	—	50.74 1289	54.55 1386	60.68 1541	64.37 1635	73.81 1875	77.50 1969	89.46 2272	12.94 329	1/2	
CY-PC14	—	—	—	—	—	—	—	—	—	—	64.31 1633	74.15 1883	77.84 1977	89.81 2281	15.13 384	1/2	
CY-PC16	—	—	—	—	—	—	—	—	—	—	—	70.25 1784	75.94 1929	87.91 2233	17.00 432	1/2	
CY-PC18	—	—	—	—	—	—	—	—	—	—	—	—	—	88.28 2242	19.00 483	3/4	

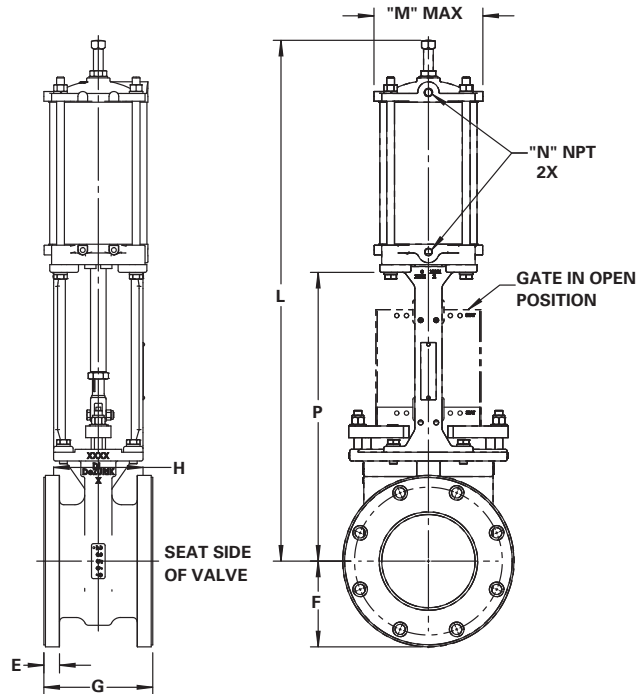
Inches
Millimeters

* M Dimension on 10" & 12" valve sizes is 8.69
271

Dimensions

Extended Flanged Valve & Pneumatic Cylinder Actuator

Valve Size	Dimensions					
	E	F	G		H	P
			EFS	EFL		
2" 50mm	0.75 19	3.25 83	5.88 149	6.88 175	4.00 102	10.80 274
3" 80mm	0.94 24	3.75 95	5.88 149	6.88 175	4.75 121	12.28 312
4" 100mm	0.94 24	4.50 114	5.88 149	6.88 175	5.00 127	14.56 370
5" 125mm	0.94 24	5.00 127	6.00 152	7.00 178	5.75 146	16.94 430
6" 150mm	1.00 25	5.50 140	6.00 152	7.00 178	5.75 146	18.56 471
8" 200mm	1.12 28	6.75 171	6.25 159	7.25 184	6.38 162	22.06 560
10" 250mm	1.19 30	8.00 203	N/A	8.88 226	8.25 210	27.63 702
12" 300mm	1.25 32	9.50 241	N/A	10.13 257	8.25 210	31.13 791
14" 350mm	1.38 35	10.50 267	N/A	10.13 257	8.25 210	33.88 861
16" 400mm	1.44 37	11.75 298	N/A	11.00 279	8.69 221	37.56 954
18" 450mm	1.56 40	12.50 318	N/A	12.25 311	9.13 232	42.94 1091
20" 500mm	1.69 43	13.75 349	N/A	14.13 359	9.19 233	46.63 1184
24" 600mm	1.87 47	16.00 406	N/A	14.63 372	9.19 233	54.59 1387



Pneumatic Cylinder Actuator

2-12" Valve Sizes

Actuator Code	Dimensions									M	N
	L										
	2" 50mm	3" 80mm	4" 100mm	5" 125mm	6" 150mm	8" 200mm	10" 250mm	12" 300mm			
CY-PC4	22.18 563	23.84 606	26.12 663	30.47 774	32.09 815	—	—	—	5.38 137	1/4	
CY-PC6	—	—	29.45 748	32.13 816	33.48 850	39.25 997	—	—	7.88 200	1/4	
CY-PC8	—	—	—	32.50 826	34.13 867	39.63 1007	49.16 1249	53.18 1351	8.69 221	1/2	
CY-PC10	—	—	—	—	—	45.18 1148	50.66 1287	54.35 1380	10.88 276	1/2	
CY-PC12	—	—	—	—	—	—	50.74 1289	54.55 1386	12.94 329	1/2	

Inches
Millimeters

14-24" Valve Sizes

Actuator Code	Dimensions						M	N
	L							
	14" 350mm	16" 400mm	18" 450mm	20" 500mm	24" 600mm			
CY-PC10	60.56 1538	64.25 1632	—	—	—	10.88 276	1/2	
CY-PC12	60.68 1541	64.37 1635	73.81 1875	77.50 1969	89.46 2272	12.94 329	1/2	
CY-PC14	—	64.31 1633	74.15 1883	77.84 1977	89.81 2281	15.13 329	1/2	
CY-PC16	—	—	70.25 1784	75.94 1929	87.91 2233	17.00 432	1/2	
CY-PC18	—	—	—	—	88.28 2242	19.00 483	3/4	

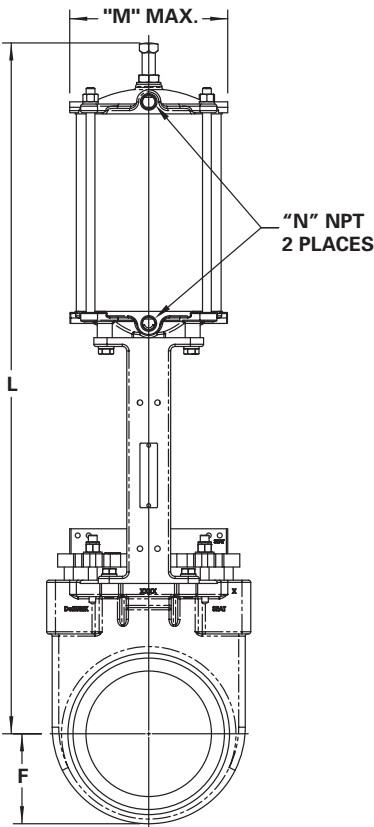
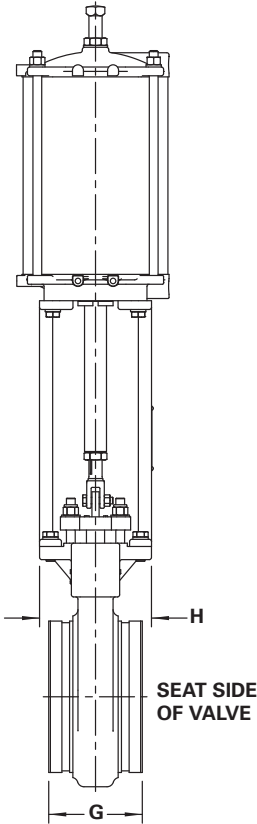
Inches
Millimeters

Dimensions

Grooved End Valve and Cylinder Actuator

Valve Size	Dimensions		
	F	G	H
2"	2.19	3.21	4.00
50mm	56	82	102
3"	3.00	3.77	4.75
80mm	76	96	121
4"	3.19	4.63	5.00
100mm	81	118	127
5"	3.66	5.88	5.75
125mm	93	149	146
6"	4.38	5.88	5.75
150mm	111	149	146
8"	5.13	5.33	6.38
200mm	130	135	162
10"	6.54	6.40	8.25
250mm	166	163	210
12"	7.38	6.50	8.25
300mm	187	165	210

Inches
Millimeters



Cylinder Actuator

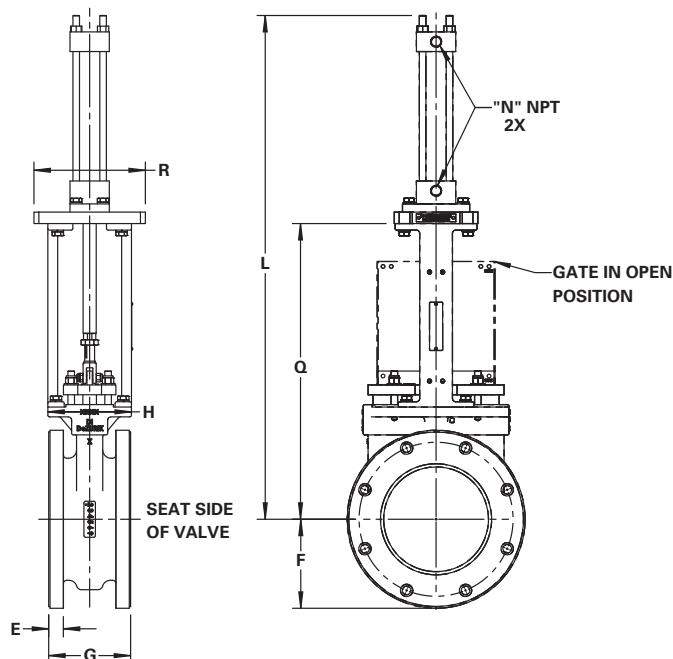
Actuator Code	Dimensions									M	N
	L										
	2" 50mm	3" 80mm	4" 100mm	5" 125mm	6" 150mm	8" 200mm	10" 250mm	12" 300mm			
CY-PC4	22.57 573	24.00 610	26.29 668	30.72 780	32.28 820	—	—	—	5.00 127	1/4	
CY-PC6	—	—	27.55 700	31.99 813	33.62 854	39.01 991	—	—	7.00 178	1/4	
CY-PC8	—	—	—	32.23 819	33.85 860	39.35 999	49.23 1250	52.92 1344	9.00 229	1/2	
CY-PC10	—	—	—	—	—	40.86 1038	50.67 1287	54.35 1380	11.25 286	1/2	
CY-PC12	—	—	—	—	—	—	50.88 1292	54.56 1386	13.25 337	1/2	

Inches
Millimeters

Dimensions

Extended Flanged Valve & Hydraulic Cylinder Actuator

Valve Size	Dimensions						
	E	F	G		H	Q	R
			EFS	EFL			
2"	0.75	3.25	5.88	6.88	4.00	11.30	5.50
50mm	19	83	149	175	102	287	140
3"	0.94	3.75	5.88	6.88	4.75	12.78	8.00
80mm	24	95	149	175	121	325	203
4"	0.94	4.50	5.88	6.88	5.00	15.06	8.25
100mm	24	114	149	175	127	383	210
5"	0.94	5.00	6.00	7.00	5.75	17.50	8.25
125mm	24	127	152	178	146	445	210
6"	1.00	5.50	6.00	7.00	5.75	19.06	8.25
150mm	25	140	152	178	146	484	210
8"	1.12	6.75	6.25	7.25	6.38	22.56	8.50
200mm	28	171	159	184	162	573	216
10"	1.19	8.00	N/A	8.88	8.25	28.25	9.00
250mm	30	203		226	210	718	229
12"	1.25	9.50	N/A	10.13	8.25	31.94	9.00
300mm	32	241		257	210	811	229
14"	1.38	10.50	N/A	10.13	8.25	34.50	9.00
350mm	35	267		257	210	876	229
16"	1.44	11.75	N/A	11.00	8.69	38.19	9.00
400mm	37	298		279	221	970	229
18"	1.56	12.50	N/A	12.25	9.13	43.63	9.75
450mm	40	318		311	232	1108	248
20"	1.69	13.75	N/A	14.13	9.19	47.31	9.75
500mm	43	349		359	233	1202	248
24"	1.87	16.00	N/A	14.63	9.19	55.28	10.00
600mm	47	406		372	233	1404	254



Hydraulic Cylinder Actuator

2-12" Valve Sizes

Actuator Code	Dimensions								N
	L								
	2" 50mm	3" 80mm	4" 100mm	5" 125mm	6" 150mm	8" 200mm	10" 250mm	12" 300mm	
CY-HC1.5	<u>20.27</u> 515	<u>22.78</u> 579	—	—	—	—	—	—	1/2
CY-HC2	—	—	<u>26.69</u> 678	<u>30.13</u> 765	<u>32.71</u> 831	<u>38.44</u> 976	<u>46.28</u> 1176	<u>52.03</u> 1322	1/2
CY-HC2.5	—	—	—	—	—	<u>38.56</u> 979	—	<u>52.16</u> 1325	1/2
CY-HC3.25	—	—	—	—	—	—	<u>47.53</u> 1207	<u>53.29</u> 1354	3/4

Inches
Millimeters

Sales and Service

For information about our worldwide locations, approvals, certifications and local representative:

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