



# Advanced Valve Technologies

A CLOCK SPRING COMPANY

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Pipe Size	Ductile Iron	PVC			Steel		Cast								Asbestos Cement Class 100			Asbestos Cement Class 150			Asbestos Cement Class 200			Copper			
		DIP	IPS	PIP	Standard	O.D.	cl A	cl B	cl C	cl D	cl E	cl F	cl G	cl H	Machined End O.D.	Rough Barrell O.D. Min	Rough Barrell O.D. Max	Machined End O.D.	Rough Barrell O.D. Min	Rough Barrell O.D. Max	Machined End O.D.	Rough Barrell O.D. Min	Rough Barrell O.D. Max				
1/2			0.84		0.84																					0.625	
3/4			1.05		1.05																						0.875
1			1.315		1.315																						1.125
1 1/4			1.66		1.66																						1.375
1 1/2			1.90		1.90																						1.625
2			2.375		2.375		2.50																				2.125
2 1/2			2.875		2.875																						2.625
3	3.96		3.50		3.50	3.00	3.80	3.96	3.96	3.96					3.74	4.00	4.00	3.84	4.10	4.10	3.84	4.29	4.29				3.125
3 1/2			4.00		4.00																						3.625
4	4.80	4.80	4.50	4.13	4.50	4.00	4.80	5.00	5.00	5.00					4.64	4.79	5.14	4.81	4.97	5.27	4.81	5.22	5.57				4.125
5			5.563		5.563																						5.125
6	6.90	6.90	6.625	6.14	6.625	6.00	6.90	7.10	7.10	7.10	7.22	7.22	7.38	7.38	6.91	7.05	7.40	6.91	7.07	7.37	6.91	7.26	7.56				6.125
8	9.05	9.05	8.625	8.16	8.625	8.00	9.05	9.05	9.30	9.30	9.42	9.42	9.60	9.60	9.11	9.22	9.57	9.11	9.27	9.57	9.11	9.39	9.74				
10	11.10	11.10	10.75	10.20	10.75	10.00	11.10	11.10	11.40	11.40	11.60	11.60	11.84	11.84	11.24	11.42	11.77	11.66	11.82	12.12	11.66	11.77	12.12				
12	13.20	13.20	12.75	12.24	12.75	12.00	13.20	13.20	13.50	13.50	13.76	13.76	14.08	14.08	13.44	13.69	14.04	13.92	14.08	14.38	13.92	14.03	14.38				
14	15.30	15.30	14.00	14.28	14.00		15.30	15.30	15.65	15.65	15.98	15.98	16.32	16.32	15.07	15.40	15.80	16.22	16.38	16.73	16.22	16.48	16.88				
16	17.40	17.40	16.00		16.00		17.40	17.40	17.80	17.80	18.16	18.16	18.54	18.54	17.15	17.54	17.94	18.46	18.62	18.97	18.46	18.79	19.19				
18	19.50	19.50	18.00	18.701	18.00		19.50	19.50	19.92	19.92					19.90	20.44	20.44	20.94	21.20	21.20							
20	21.60	21.60	20.00		20.00		21.60	21.60	22.06	22.06	23.02	23.02			22.12	22.50	22.50	23.38	23.54	23.54							
24	25.80	25.80	24.00	24.803	24.00		25.80	25.80	26.32	26.32					26.48	27.17	27.17	27.96	28.22	28.22							