



Bill of Materials and Parts for standard material configurations. (Other materials see page 20-21)

Part Name	ASTM Specifications (Specs.-Grades/Types)		
	A216 WCB	A352 LCC	A351 CF8M
Body	A216 WCB	A352 LCC	A351 CF8M
End piece	A216 WCB	A352 LCC	A351 CF8M
Ball	A182 Gr 316		
Stem	A182 Gr 316		
Seat insert	RPTFE/Nylon®/Devlon®/PEEK®		
Anti-static device	A276 Gr 316		
Gland flange	Galvanised carbon steel		
Stop plate	Galvanised carbon steel		
Seals	RPTFE/Nylon		
Gaskets	RPTFE/Nylon/Graphite		
Lever	Carbon steel		

Reduced Bore Class 150

Dimensions and Weights											
Valve Size	L		ØB		ØC		H		W		Weight
	In	mm	In	mm	In	mm	In	mm	In	mm	Kgs
½	4.25	108	0.38	9.50	0.50	12.70	2.13	54	4.72	120	1.70
¾	4.60	117	0.50	12.70	0.75	19.00	2.32	59	5.50	140	2.70
1	5.00	127	0.75	19.00	1.00	25.40	2.50	64	5.50	140	3.80
1½	6.50	165	1.18	30.00	1.50	38.00	3.55	90	6.30	160	6.70
2	7.00	178	1.50	38.00	2.00	51.00	4.00	102	10.43	265	8.80
2½	7.50	190	2.00	51.00	2.50	64.00	4.37	111	10.43	265	12.30
3	8.00	203	2.50	64.00	3.00	76.00	4.75	121	10.43	265	15.40
4	9.00	229	3.00	76.00	4.00	102.00	6.50	166	11.80	300	29.00
6	10.50	267	4.50	114.00	6.00	152.00	8.18	208	15.75	400	54.00
8	11.50	292	5.67	144.00	8.00	203.00	9.70	246	43.30	1100	80.00
10	13.00	330	7.28	185.00	10.00	250.00	12.60	320	GO		150.00

Full Bore Class 150

Dimensions and Weights										
Valve Size	L		ØB		H		W		Weight	
	In	mm	In	mm	In	mm	In	mm	In	Kgs
½	4.25	108	0.47	12	2.12	54	4.33	110	2.3	
¾	4.60	117	0.75	19	2.48	63	4.33	110	3	
1	5.00	127	1.00	25	2.67	68	5.90	150	10	
1½	6.50	165	1.50	38	3.68	93.7	8.46	215	7	
2	7.00	178	2.00	51	5.31	135	8.46	215	9.5	
2½	7.50	190	2.50	64	6.49	165	11.81	300	13	
3	8.00	203	3.00	76	7.67	195	13.77	350	19	
4	9.00	229	4.00	102	9.64	245	17.71	450	33	
6	15.50	394	6.00	152	11.57	294	43.30	1100	93	
8	18.00	457	8.00	203	14.76	375	43.30	1100	160	
10	21.00	533	10.00	254	17.36	441	GO		320	

Reduced Bore Class 300

Dimensions and Weights											
Valve Size	L		ØB		ØC		H		W		Weight
	In	mm	In	mm	In	mm	In	mm	In	mm	Kgs
½	5.50	140	0.37	9.50	0.50	12.70	2.13	54	4.75	120	1.70
¾	6.00	152	0.50	12.70	0.75	19.00	2.32	59	5.50	140	2.70
1	6.50	165	0.75	19.00	1.00	25.40	2.52	64	5.50	140	3.80
1½	7.50	190	1.18	30.00	1.50	38.00	3.54	90	6.30	160	6.70
2	8.50	216	1.50	38.00	2.00	51.00	4.00	102	10.50	265	8.80
3	11.12	283	2.50	64.00	3.00	76.00	4.76	121	10.50	265	15.40
4	12.00	305	3.00	76.00	4.00	102.00	6.53	166	11.80	300	29.00
6	16.00	403	4.50	114.00	6.00	152.00	8.19	208	15.75	400	54.00
8	19.75	502	6.00	152.00	8.00	203.00	8.68	246	GO		125.00
10	22.37	568	8.00	203.00	10.00	254.00	17.36	441	GO		263.00

Full Bore Class 300

Dimensions and Weights										
Valve Size	L		ØB		H		W		Weight	
	In	mm	In	mm	In	mm	In	mm	In	Kgs
½	5.50	140	0.50	12.70	2.12	54	4.33	110	2.50	
¾	6.00	152	0.75	19.00	2.50	63	4.33	110	3.50	
1	6.50	165	1.00	25.40	2.68	68	5.90	150	10.00	
1½	7.50	191	1.50	38.00	3.70	93	8.47	215	14.00	
2	8.50	216	2.00	51.00	5.31	135	8.47	215	21.00	
3	11.12	283	3.00	76.00	7.68	195	13.80	350	37.00	
4	12.00	305	4.00	102.00	9.65	245	17.70	450	55.00	
6	16.00	403	6.00	152.00	11.57	294	43.30	1100	112.00	
8	19.75	502	8.00	203.00	14.80	375	GO		184.00	
10	22.37	568	10.00	254.00	17.36	441	GO		433.00	