



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

Part name	ASTM Specifications (Specs.-Grades/Types)		
	A105	A350 LF2	A182 F316
Body	A105	A350 LF2	A182 F316
Body End pieces	A105	A350 LF2	A182 F316
Ball	410/ENP/304/316/17-4PH		316/17-4PH
Stem	410/ENP/304/316/17-4PH		316/17-4PH
Trunnion	410/ENP/304/316/17-4PH		316/17-4PH
Seat insert	RPTFE/Nylon/Devlon/Viton		
Seat holder	316/17-4PH		
Spring	Inconel X-750		
Anti-static device	A276 Gr 304 / A276 Gr 316		
Bolting	A193 B7 / A194 2H		
Injection points	Carbon steel	Carbon steel	Stainless steel
Adaptor flange	Carbon steel	Carbon steel	Stainless steel
Stop plate	Galvanised carbon steel		
Seals	RPTFE/Nylon/Devlon/Viton		
Gaskets	RPTFE/Nylon/Devlon/Viton/Graphite		
Lever	Carbon steel		

Reduced Bore **Class 600**

Dimensions and Weights												
Valve Size	L		ØB		ØC		H		W		Weight Kgs	
	In	mm	In	mm	In	mm	In	mm	In	mm		
2	11.50	292	1.50	38	2.00	51	6.50	165	22.80	580	45	
3	14.00	356	2.00	51	3.00	76	8.30	211	25.60	650	54	
4	17.00	432	3.00	76	4.00	102	10.00	256	31.50	800	99	
6	22.00	559	4.00	102	6.00	152	12.00	300	GO		230	
8	26.00	660	6.00	152	8.00	203	13.50	345	GO		304	
10	31.00	787	8.00	203	10.00	254	17.00	415	GO		510	
12	33.00	838	10.00	254	12.00	305	17.20	427	GO		902	
14	35.00	889	12.00	305	13.25	337	18.30	465	GO		1090	
16	39.00	991	13.25	337	15.25	388	20.40	519	GO		1310	
18	43.00	1092	15.25	388	17.25	438	25.10	638	GO		1640	

Full Bore **Class 600**

Dimensions and Weights												
Valve Size	L		ØB		H		W		Weight Kgs			
	In	mm	In	mm	In	mm	In	mm				
2	11.50	292	2.00	51	8.30	211	22.80	580	50			
3	14.00	356	3.00	76	10.00	256	25.60	650	80			
4	17.00	432	4.00	102	11.20	285	31.50	800	150			
6	22.00	559	6.00	152	13.50	345	GO		248			
8	26.00	660	8.00	203	17.00	415	GO		438			
10	31.00	787	10.00	254	17.20	427	GO		501			
12	33.00	838	12.00	305	18.30	465	GO		625			
14	35.00	889	13.25	337	20.40	519	GO		1230			
16	39.00	991	15.25	388	25.10	638	GO		1535			
18	43.00	1092	17.25	438	26.90	683	GO		2135			

Reduced Bore **Class 900**

Dimensions and Weights												
Valve Size	L		ØB		ØC		H		W		Weight Kgs	
	In	mm	In	mm	In	mm	In	mm	In	mm		
2	14.50	368	1.50	38	2	51	6.50	170	22.83	580	47	
3	15.00	381	2.00	51	3	76	8.30	217	25.60	650	60	
4	18.00	457	3.00	76	4	102	10.10	327	31.50	1000	115	
6	24.00	610	4.00	102	6	152	14.10	358	GO		265	
8	29.00	737	6.00	152	8	203	13.60	431	GO		480	
10	33.00	838	8.00	203	10	254	16.33	443	GO		650	
12	38.00	965	10.00	254	12	305	16.80	484	GO		868	

Full Bore **Class 900**

Dimensions and Weights												
Valve Size	L		ØB		H		W		Weight Kgs			
	In	mm	In	mm	In	mm	In	mm				
2	14.50	368	2	51	8.54	217	22.83	580	52			
3	15.00	381	3	76	12.87	327	25.60	650	87			
4	18.00	457	4	102	13.50	343	31.50	1000	160			
6	24.00	610	6	152	14.10	358	GO		385			
8	29.00	737	8	203	16.96	431	GO		560			
10	33.00	838	10	254	17.44	443	GO		820			
12	38.00	965	12	305	19.06	484	GO		1125			

Reduced Bore **Class 1500**

Dimensions and Weights												
Valve Size	L		ØB		ØC		H		W		Weight Kgs	
	In	mm	In	mm	In	mm	In	mm	In	mm		
2	14.50	368	1.50	38	2.00	51	8.10	205	29.50	750	60	
3	18.50	470	2.00	51	3.00	76	8.50	217	29.50	750	115	
4	21.50	546	3.00	76	4.00	102	12.90	327	45.28	1150	194	
6	27.75	705	4.00	102	5.75	146	13.60	345	GO		295	
8	32.75	832	5.75	146	7.65	194	14.37	365	GO		690	
10	39.00	991	7.65	194	9.50	241	16.65	423	GO		930	
12	44.50	1130	9.50	241	11.38	289	22.04	560	GO		1340	

Full Bore **Class 1500**

Dimensions and Weights												
Valve Size	L		ØB		H		W		Weight Kgs			
	In	mm	In	mm	In	mm	In	mm				
2	14.50	368	2.00	51	8.54	217	22.83	750	70			
3	18.50	470	3.00	76	12.87	327	25.60	1500	135			
4	21.50	546	4.00	102	13.50	343	31.50	1500	220			
6	27.75	705	5.75	146	14.37	365	GO		580			
8	32.75	832	7.65	194	16.65	423	GO		752			
10	39.00	991	9.50	241	22.04	560	GO		1195			
12	44.50	1130	11.38	289	23.93	608	GO		2170			