



■ **Features**

Design and manufacture: API 600 and ASME B16.34  
 Face-to-Face dimension: ASME B16.10  
 Flanged dimension: ASME B16.5  
 Shell Wall Thickness: API 600 BS 1868  
 Inspection & Test: API 598

■ **Parts List**

No	Parts	Material	No	Parts	Material
1	Body	ASTM A216 Gr.WCB	11	Segment ring	ASTM A182 F6a
2	Seat ring	ASTM A105+13Cr	12	Cover	ASTM A216 Gr.WCB
3	Disc	ASTM A216 Gr.WCB+13Cr	13	Stud	ASTM A193 Gr.B7
4	Hanger	ASTM A216 Gr.WCB	14	Nut	ASTM A194 Gr.2H
5	Disc cover	ASTM A276 410	15	Eyebolt	C.S.
6	Screw	ASTM A276 410	16	Bonnet	ASTM A216 Gr.WCB
7	Locking pin	ASTM A276 410	17	Bolt	S.S.
8	Locking ring	ASTM A105	18	Pin	ASTM A276 410
9	Seal ring	ASTM A182 F304	19	Hinge	ASTM 216 Gr.WCB
10	Gasket	ASTM A182 F6a			

■ **Dimensions & Weights**

	Valve Size	in. mm	2	2-1/2	3	4	6	8	10	12	14	16
			50	65	80	100	150	200	250	300	350	400
Class 900	L (BW)	in. mm	8.5 216	10 254	12 305	14 356	20 508	26 660	30 787	36 914	39 991	43 1092
	L1 (RF)	in. mm	14.5 368	16.5 419	15 381	18 457	24 610	29 737	33 838	38 965	40.5 1029	44.5 1130
	L2 (RTJ)	in. mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968	40.88 1038	44.88 1140
	H开 (open)	in. mm	7.4 188	8.27 210	8.27 210	8.5 216	14.5 368	20.12 511	24.17 614	27.76 705	28.98 736	29.76 756
	WT (kg)	RF	48	63	60	122	254	511	938	1448	1723	1832
	BW	33	44	42	76	177	383	703	1128	1353	1463	
Class 1500	L (BW)	in. mm	8.5 216	10 254	12 305	16 406	22 559	28 711	34 864	39 991	42 1067	47 1194
	L1 (RF)	in. mm	14.5 368	16.5 419	18.5 470	21.5 546	27.75 705	32.75 832	39 991	44.5 1130	49.5 1257	54.5 1384
	L2 (RTJ)	in. mm	14.62 371	16.62 422	18.62 473	21.62 549	28 711	33.13 841	39.38 1001	45.12 1146	50.25 1276	55.38 1407
	H开 (open)	in. mm	10.43 265	10.43 265	10.63 270	14.57 370	18.7 475	22.44 570	24.8 630	30.31 770	31.3 795	32.44 824
	WT (kg)	RF	58	73	71	128	332	588	1023	1528	1852	2058
BW	40	51	69	84	228	458	713	1148	1388	1542		
Class 2500	L (BW)	in. mm	11 279	13 330	14.5 368	18 457	24 610	30 762	36 914	41 1041	-	-
	L1 (RF)	in. mm	17.75 451	20 508	22.75 578	26.5 673	36 914	40.25 1022	50 1270	56 1422	-	-
	L2 (RTJ)	in. mm	17.87 454	20.25 514	23 584	26.88 683	36.5 927	40.87 1038	50.88 1292	56.88 1444	-	-
	H开 (open)	in. mm	11.02 280	12 305	12.2 310	14.57 370	19.1 485	21.42 544	27.95 710	31.5 800	-	-
	WT (kg)	RF	86	113	133	213	548	988	1598	2298	-	-
BW	52	88	93	158	383	638	1198	1723				