



Parts Schedule			
Item No.	Name	Material	No. Req'd
1	Body	-	1
2	Seat Ring	-	1
3	Disc	-	1
4	Stem	-	1
5	Retainer Ring	-	2
6	Packing	-	1 Set
7	Packing Gland	-	1
8	Gland Flange	-	1
9	Gland Bolt	-	2
10	Nut	-	2
11	Spring Washer	-	2
12	Bush Bearing	-	2
13	Disc Pin	-	1 Set
14	Packing Retainer	-	1
15	Cap Packing	-	1
16	Cap	-	1
17	Cap Bolt	-	1 Set
18	Spring Washer	-	1 Set
19	Seat Retainer	-	1
20	Retainer Bolt	-	1 Set
21	O-Ring	-	1

- Notes:
- Design : ANSI B16.34 & API 609
 - Gasket Contact Surface : Finish 125~250 AARH
 - Face to Face Dimension : API 609 Category B
 - Flange Connection : ANSI B16.5 Class 300
 - Installation Direction : Bi-Directional / Double Dead End Service
 - Rated for full vacuum in non-preferred direction.

Valve Dimensions

Valve Size	Inch	MM	øA	C	C1	D	F	G	øH	K	Keyway	T.O.L	Valve Weight	Mounting Base			Flange Dimension		
														B.C. 2	n	øh2	B.C. 1	n	øh1
2"	50	1.89	5.08	3.66	1.69	3.25	1.26	.551	.374	—	10.00	12 lbs	3.25	4	.43	5.00	8	5/8"x11unc	
2 1/2"	65	2.40	5.71	4.21	1.85	3.25	1.26	.626	.437	—	10.24	16 lbs	3.25	4	.43	5.88	8	3/4"x10unc	
3"	80	2.76	6.06	4.61	1.89	3.25	1.26	.626	.437	—	10.79	19 lbs	3.25	4	.43	6.62	8	3/4"x10unc	
4"	100	3.58	6.61	5.31	2.13	3.39	1.26	.748	.500	—	12.68	26 lbs	3.25	4	.43	7.88	8	3/4"x10unc	
5"	125	4.61	7.32	5.98	2.25	3.39	1.26	.748	.500	—	13.54	35 lbs	3.25	4	.43	9.25	8	3/4"x10unc	
6"	150	5.55	8.11	6.69	2.32	3.39	1.26	.748	.500	—	14.33	48 lbs	3.25	4	.43	10.62	12	3/4"x10unc	
8"	200	7.48	9.61	8.03	2.88	4.92	2.01	1.126	—	.25 x .25	16.85	84 lbs	5.00	4	.55	13.00	12	7/8"x9unc	
10"	250	9.37	11.02	9.21	3.27	4.92	2.01	1.126	—	.25 x .25	20.87	124 lbs	5.00	4	.55	15.25	16	1"x8unc	
12"	300	11.34	12.40	10.53	3.62	5.00	2.01	1.374	—	.31 x .31	23.62	188 lbs	5.00	4	.55	17.75	16	1 1/8"x8unc	

Test Pressure(Psig) API 598	Hydraulic			Air	
	Shell	1125	Seat	815	Seat
		Valve Solutions ABZ Valves & Controls			
Title: Elite Double Offset Butterfly Valve Series 432 - Class 300 - Lug Type					Scale: N/A
DWG No. 2"-12" 432-Bare Stem					Unit: inch
Date	Drawn	Checked	Dimensions are subject to change without notice.		Revision
09-22-11	BC	Tp			0