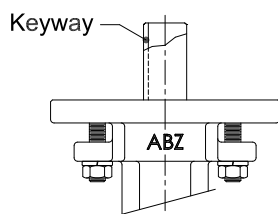
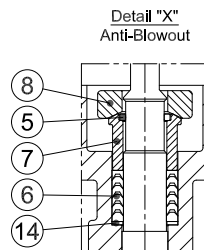


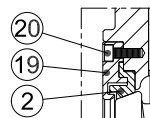
Top View



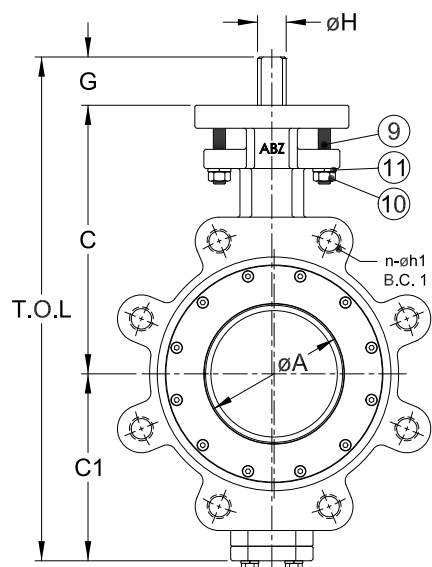
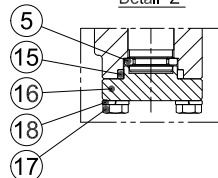
10" & 12" Stem



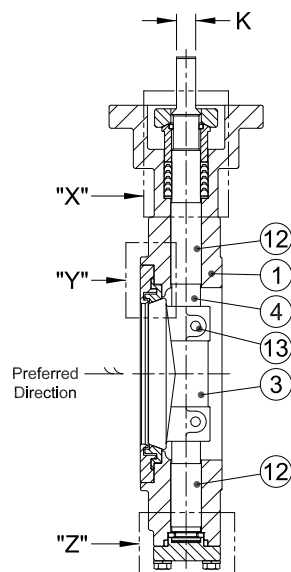
Detail "Y"



Detail "Z"



Flow View



Section View

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

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 150
- Installation Direction: Bi-Directional / Double Dead End Service
- Rated for full vacuum in non-preferred direction.

Valve Dimensions

Valve Size		øA	C	C1	D	øF	G	øH	K	Keyway	T.O.L	Weight	Mounting Base			Flange Dimension		
Inch	MM												B.C. 2	n	øh2	B.C. 1	n	øh1
2"	50	1.85	4.92	3.94	1.69	4.02	1.26	.551	.374	—	10.12	11 lbs	3.25	4	.43	4.75	4	5/8"x11unc
2 1/2"	65	2.40	5.87	4.02	1.85	4.02	1.26	.626	.437	—	11.15	13 lbs	3.25	4	.43	5.50	4	5/8"x11unc
3"	80	2.83	6.30	4.41	1.89	4.02	1.26	.626	.437	—	11.97	14 lbs	3.25	4	.43	6.00	4	5/8"x11unc
4"	100	3.74	7.01	4.88	2.13	4.02	1.26	.748	.500	—	13.15	23 lbs	3.25	4	.43	7.50	8	5/8"x11unc
5"	125	4.65	7.60	5.55	2.24	4.02	1.26	.748	.500	—	14.41	33 lbs	3.25	4	.43	8.50	8	3/4"x10unc
6"	150	5.43	8.39	6.57	2.24	4.02	1.26	.748	.500	—	16.22	37 lbs	3.25	4	.43	9.50	8	3/4"x10unc
8"	200	7.40	9.45	7.68	2.52	5.98	1.26	.874	.626	—	18.39	60 lbs	5.00	4	.55	11.75	8	3/4"x10unc
10"	250	9.25	11.02	8.66	2.83	5.98	2.05	1.126	—	.25 x .25	21.73	90 lbs	5.00	4	.55	14.25	12	7/8"x9unc
12"	300	10.83	12.20	10.43	3.19	5.98	2.01	1.126	—	.25 x .25	24.64	130 lbs	5.00	4	.55	17.00	12	7/8"x9unc

Test Pressure(Psig)		Hydraulic			Air	
API 598		Shell	450	Seat	325	Seat
						-
		Valve Solutions ABZ Valves & Controls				
Title:		ABZolute Double Offset Butterfly Valve Series 402 - Class 150 - Lug Type				Scale N/A
DWG No.		2"-12" 402-Bare Stem				Projection
Date	Drawn	Checked	Dimensions are subject to change without notice.			Unit inch
09-22-11	BC	Tp				Revision 0