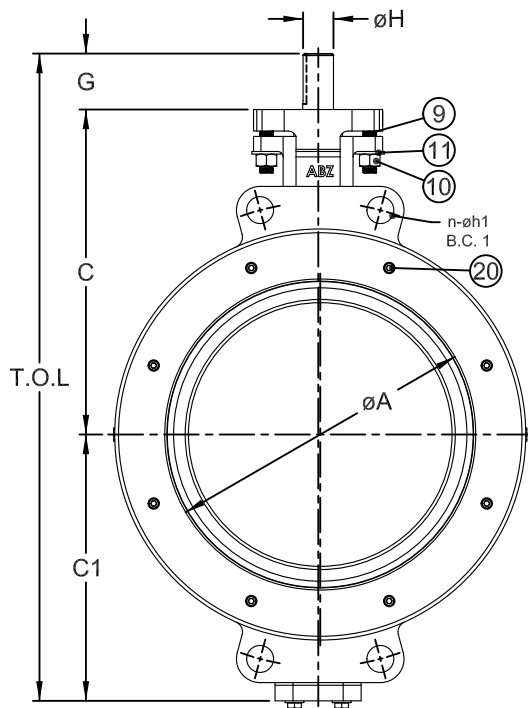
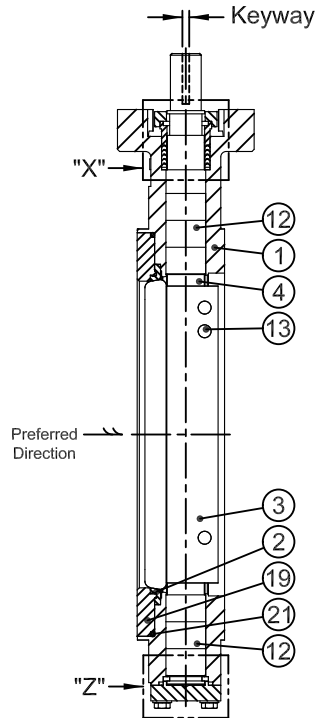


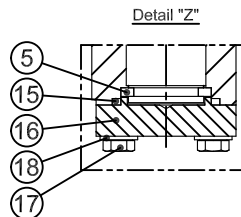
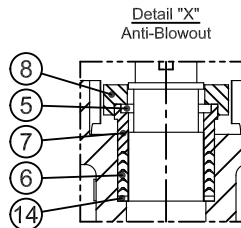
Top View



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
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 / Not For Dead End Service
- Rated for full vacuum in non-preferred direction.

Test Pressure(Psig) API 598		Hydraulic				Air	
		Shell	1125	Seat	815	Seat	-
		Valve Solutions ABZ Valves & Controls					
Title:		Elite Double Offset Butterfly Valve				Scale N/A	
		Series 431 - Class 300 - Wafer Type				Projection 	
DWG No.		14"-24" 431-Bare Stem				Unit inch	
Date 09-22-11	Drawn BC	Checked Tp	Dimensions are subject to change without notice.			Revision 0	

Valve Dimensions

Valve Size		øA	C	C1	D	F	G	øH	Keyway	T.O.L	Weight	Mounting Base			Flange Dimension		
Inch	MM											B.C. 2	n	øh2	B.C. 1	n	øh1
14"	350	12.60	14.57	12.13	4.61	6.50	2.99	1.874	.50 x .50	29.69	- lbs	6.50	4	.83	20.25	4	1 1/8"x8un
16	400	14.25	16.18	14.13	5.24	6.50	2.99	2.122	.50 x .50	33.30	- lbs	6.50	4	.83	22.50	4	1 1/4"x8un
18"	450	16.30	17.90	15.83	5.88	11.42	4.02	2.555	.75 x .50	37.75	- lbs	10.00	8	.75	24.75	4	1 1/4"x8un
20"	500	18.03	19.60	17.58	6.26	11.42	4.02	2.555	.75 x .50	41.20	- lbs	10.00	8	.75	27.00	4	1 1/4"x8un
24"	600	21.26	22.44	20.10	7.12	11.81	4.45	3.146	.87 x .55	46.99	- lbs	10.00	8	.75	32.00	4	1 1/2"x8un