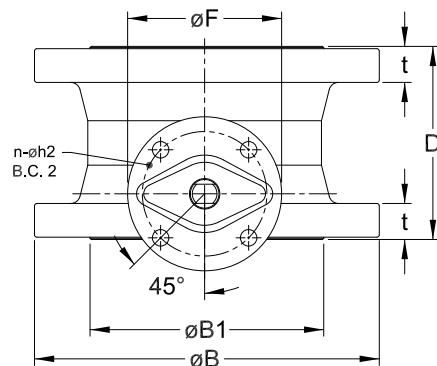
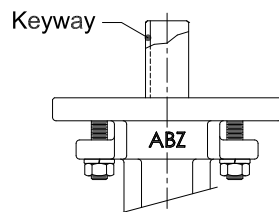
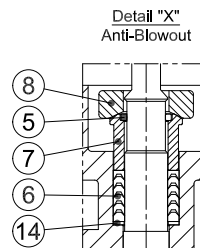




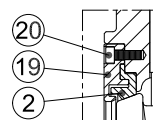
Top View



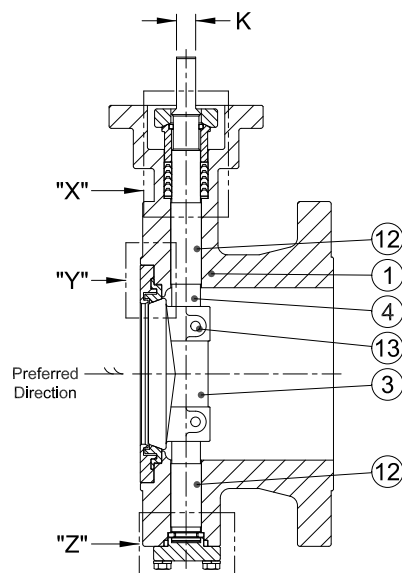
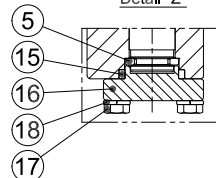
8" thru 12" Stem



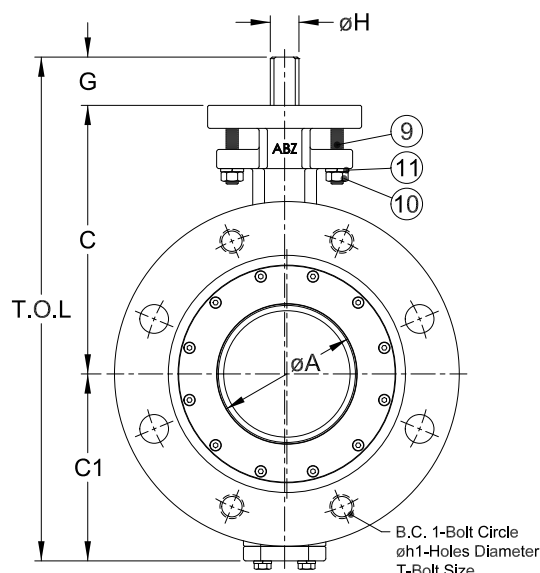
Detail "Y"



Detail "Z"



Section View



Flow 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 300
- Installation Direction: Bi-Directional / Double Dead End Service
- Rated for full vacuum in non-preferred direction.

t : Included Raised Face Thickness (0.06in)

Valve Dimensions

Valve Size		øA	C	C1	D	øF	G	øH	K	Keyway	øB	øB1	t	T.O.L	Weight	Mounting Base			Flange Dimension			
Inch	MM															B.C. 2	n	øh2	B.C. 1	n	T	øh1
4"	100	3.74	7.01	4.88	5.04	4.02	1.26	.748	.500	—	10.00	6.19	1.25	13.15	57 lbs	3.25	4	.43	7.88	8	3/4"x10unc	7/8"
5"	125	4.65	7.60	5.55	5.51	4.02	1.26	.748	.500	—	11.00	7.31	1.38	14.41	84 lbs	3.25	4	.43	9.25	8	3/4"x10unc	7/8"
6"	150	5.39	8.66	6.93	5.51	4.02	1.26	.748	.500	—	12.50	8.50	1.44	16.85	95 lbs	3.25	4	.43	10.62	12	3/4"x10unc	7/8"
8"	200	7.40	10.24	8.46	5.98	5.98	2.01	1.126	—	.25 x .25	15.00	10.62	1.62	20.71	154 lbs	5.00	4	.55	13.00	12	7/8"x9unc	1"
10"	250	9.06	11.42	9.53	6.50	5.98	2.01	1.126	—	.25 x .25	17.50	12.75	1.88	22.96	243 lbs	5.00	4	.55	15.25	16	1"x8unc	1 1/8"
12"	300	10.79	12.80	10.75	7.01	5.98	2.01	1.374	—	.31 x .31	20.50	15.00	2.00	25.56	331 lbs	5.00	4	.55	17.75	16	1 1/8"x8un	1 1/4"

Test Pressure(Psig)		Hydraulic			Air	
API 598		Shell	1125	Seat	825	Seat -
FORUM ENERGY TECHNOLOGIES Valve Solutions ABZ Valves & Controls						
Title: ABZolute Double Offset Butterfly Valve Series 423 - Class 300 - Double Flange						Scale N/A Projection
DWG No. 4"-12" 423-Bare Stem						Unit inch
Date 09-22-11	Drawn BC	Checked Tp	Dimensions are subject to change without notice.			Revision 0