High Performance Wafer Butterfly Valve

Features:

- ANSI Class 150 or 300
- Mounting Pad for Actuation (with Kit)
- Cast Disc Stop to Prevent Seat Damage
- Blowout -Proof Shaft w/self Lubricating Bearings and PTFE V-Rings
- Accessible Packing Gland
- Lower Sealed Shaft Packing
- Leak Tested Per MSS-SP61
- Tagged Per MSS-SP25, API 609B
- Tested Per API 598
- Fire Safe available, consult factory

ANSI 150 Dimensions

Model	SIZE	A	B	C	D	E	F	G	H	I	J	K	Torque in/Lbs	
													Soft Seat	Metal Seat
HB*W150-*2	2″	1.69	3.31	4.84	1.38	2.76	0.43	0.79x2	1.93	6.26	8.78	-	270	496
HB*W150-*2.5	2 1/2″	1.81	3.66	5.67	1.38	2.76	0.43	0.79x2	2.44	7.09	8.78	-	400	735
HB*W150-*3	3″	1.89	4.13	6.06	1.38	2.76	0.43	0.79x2	2.87	7.48	8.78	-	525	927
HB*W150-*4	4″	2.13	4.65	6.85	1.38	2.76	0.43	0.79x2	3.74	8.27	8.78	-	720	1193
HB*W150-*5	5″	2.20	5.39	7.68	1.38	2.76	0.55	0.91x2	4.72	9.02	10.35	-	1250	2067
HB*W150-*6	6″	2.24	6.14	8.50	1.38	2.76	0.67	0.91x2	5.55	9.80	10.35	-	1535	2262
HB*W150-*8	8″	2.52	7.28	9.84	1.97	4.02	0.87	0.91x2	7.64	16.34	9.06	9.84	2270	3417
HB*W150-*10	10″	2.83	9.17	11.22	1.97	4.92	0.87	1.02x4	9.41	17.32	9.06	9.84	3700	5549
HB*W150-*12	12″	3.19	10.24	12.80	1.97	4.92	1.06	1.02x4	11.30	20.59	11.02	13.78	5635	8375
HB*W150-*14	14″	3.62	11.65	14.57	1.97	4.92	1.06	1.14x4	13.03	21.54	11.02	13.78	9100	13812
HB*W150-*16	16″	4.02	13.35	16.54	2.17	5.51	1.41	1.14x4	15.08	23.90	11.02	13.78	12775	21523
HB*W150-*18	18″	4.49	14.29	17.52	3.15	6.50	0.63 0.39 key	11/8-8x4	17.09	25.59	11.81	13.78	17350	25062
HB*W150-*20	20″	5.00	16.46	19.69	3.15	6.50	0.63 0.39 key	11/8-8x4	18.98	26.77	11.81	13.78	24000	37028
HB*W150-*24	24″	6.06	18.43	22.64	4.33	10.00	0.79 0.47 key	11/8-8x6	22.83	39.13	11.81	13.78	31340	47009

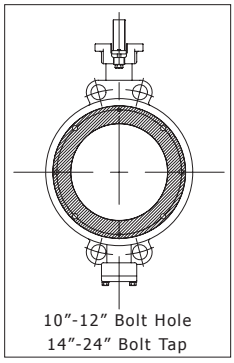
Seat Options
P = PTFE
R = RTFE
S = 316SS
I = Inconel
SP = 316SS+PTFE
SR = SS+RTFE

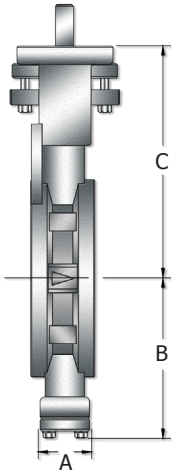
*** =Body Option**
C = Carbon Steel A216 WCB
S = 316 Stainless CF8M

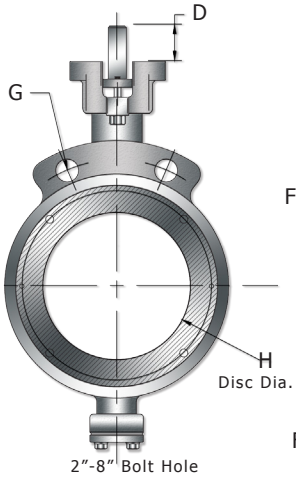
*** = Operator Option**
H = Handle (Lever)
G = Gear Operator
- = Omit For Bare Stem

ANSI 300 Dimensions

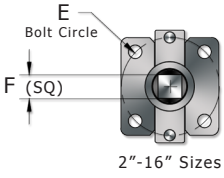
Model	SIZE	A	B	C	D	E	F	G	H	I	J	K	Torque in/Lbs	
													Soft Seat	Metal Seat
HB*W300-*2	2″	1.69	3.39	4.84	1.38	2.76	0.43	0.79x2	1.93	6.26	8.78	-	478	784
HB*W300-*2.5	2 1/2″	1.81	3.86	5.67	1.38	2.76	0.43	0.79x2	2.44	7.09	8.78	-	610	1025
HB*W300-*3	3″	1.89	4.13	6.06	1.38	2.76	0.43	0.79x2	2.87	7.48	8.78	-	685	1160
HB*W300-*4	4″	2.13	4.72	6.85	1.38	2.76	0.43	0.79x2	3.74	8.27	8.78	-	1180	2007
HB*W300-*5	5″	2.20	5.67	7.36	1.38	2.76	0.55	0.79x2	4.72	9.02	10.35	-	1800	2725
HB*W300-*6	6″	2.32	6.89	9.06	1.38	2.76	0.67	0.79x2	5.55	9.80	10.35	-	1965	2000
HB*W300-*8	8″	2.87	7.83	10.63	1.97	4.92	0.87	0.79x2	7.64	16.34	9.06	9.84	3538	5511
HB*W300-*10	10″	3.27	9.61	12.28	1.97	4.92	1.06	11/4-8x4	9.41	17.32	9.06	9.84	5892	8489
HB*W300-*12	12″	3.62	10.83	14.29	1.97	5.51	1.41	1-8x4	11.30	20.59	11.02	13.78	8627	17856
HB*W300-*14	14″	4.61	12.72	15.55	1.97	6.50	0.63 0.39 key	11/8-8x4	13.03	21.54	11.02	13.78	15925	24119
HB*W300-*16	16″	5.24	13.86	17.32	2.17	6.50	0.63 0.39 key	1-8x4	15.08	23.90	11.02	13.78	22356	35566
HB*W300-*18	18″	5.87	15.31	19.09	3.15	6.50	0.79 0.47 key	11/8-8x4	17.09	25.59	11.81	13.78	29904	52874
HB*W300-*20	20″	6.26	16.46	21.26	3.15	10.00	0.79 0.47 key	11/8-8x4	18.98	26.77	11.81	13.78	42152	79336
HB*W300-*24	24″	7.13	20.47	22.44	4.33	10.00	0.98 0.55 key	11/4-8x4	22.83	39.13	11.81	13.78	54845	98970



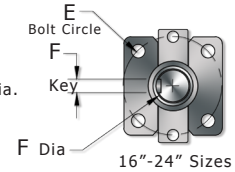




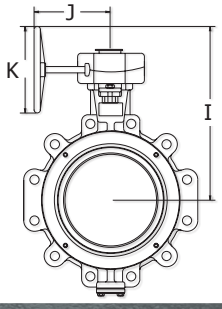
2″-8″ Bolt Hole configuration shown

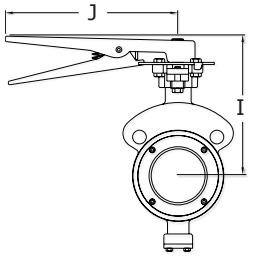


2″-16″ Sizes

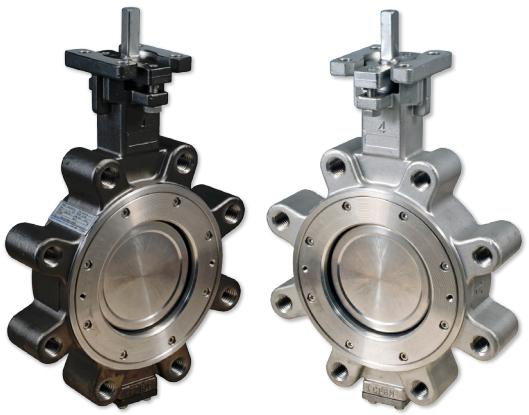


16″-24″ Sizes



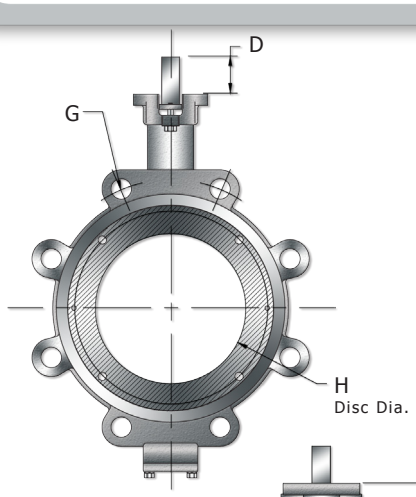


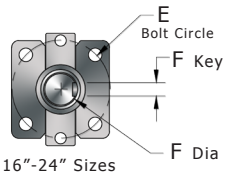
High Performance Lug Butterfly Valve



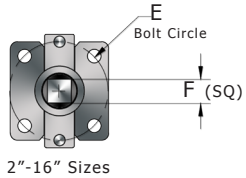
Features:

- ANSI Class 150 or 300
- Mounting Pad for Actuation (with Kit)
- Cast Disc Stop to Prevent Seat Damage
- Blowout -Proof Shaft w/self Lubricating Bearings and PTFE V-Rings
- Accessible Packing Gland
- Lower Sealed Shaft Packing
- Leak Tested Per MSS-SP61
- Tagged Per MSS-SP25, API 609B
- Tested Per API 598
- Fire Safe available, consult factory

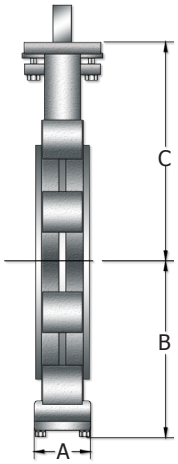


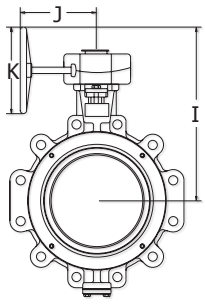


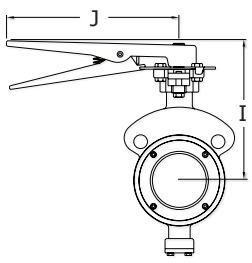
16"-24" Sizes



2"-16" Sizes







ANSI 150 Dimensions

Model	SIZE	A	B	C	D	E	F	G	H	I	J	K	Torque in/Lbs	
													Soft Seat	Metal Seat
HB*L150-*2	2"	1.69	3.31	4.84	1.38	2.76	0.43	5/8-11x4	1.93	6.26	8.78	-	270	496
HB*L150-*2.5	2 1/2"	1.81	3.66	5.67	1.38	2.76	0.43	5/8-11x4	2.44	7.09	8.78	-	400	735
HB*L150-*3	3"	1.89	4.03	6.06	1.38	2.76	0.43	5/8-11x4	2.87	7.48	8.78	-	525	927
HB*L150-*4	4"	2.13	4.57	6.85	1.38	2.76	0.43	5/8-11x8	3.74	8.27	8.78	-	720	1193
HB*L150-*5	5"	2.20	5.67	7.36	1.38	2.76	0.55	3/4-10x8	4.72	9.02	10.35	-	1250	2067
HB*L150-*6	6"	2.24	5.98	8.66	1.38	2.76	0.67	3/4-10x8	5.55	9.80	10.35	-	1535	2262
HB*L150-*8	8"	2.52	6.97	10.04	1.97	4.02	0.87	3/4-10x8	7.64	16.34	9.06	9.84	2270	3417
HB*L150-*10	10"	2.83	8.98	11.14	1.97	4.92	0.87	7/8-9x12	9.41	17.32	9.06	9.84	3700	5549
HB*L150-*12	12"	3.19	10.20	12.76	1.97	4.92	1.06	7/8-9x12	11.30	20.59	11.02	13.78	5635	8375
HB*L150-*14	14"	3.62	12.05	14.57	1.97	4.92	1.06	1.0-8x12	13.03	21.54	11.02	13.78	9100	13812
HB*L150-*16	16"	4.02	13.35	16.54	2.17	5.51	1.41	1.0-8x16	15.08	23.90	11.02	13.78	12775	21523
HB*L150-*18	18"	4.49	14.29	17.52	3.15	6.50	0.63 0.39 key	11/8-8x16	17.09	25.59	11.81	13.78	17350	25062
HB*L150-*20	20"	5.00	16.46	19.29	3.15	6.50	0.63 0.39 key	11/8-8x20	18.98	26.77	11.81	13.78	24000	37028
HB*L150-*24	24"	6.06	18.43	21.85	4.33	10.00	0.79 0.47 key	11/8-8x20	22.83	39.13	11.81	13.78	31340	47009

Seat Options
P = PTFE
R = RTFE
S = 316SS
I = Inconel
SP = 316SS+PTFE
SR = SS+RTFE

*** =Body Option**
C = Carbon Steel A216 WCB
S = 316 Stainless CF8M

*** = Operator Option**
H = Handle (Lever)
G = Gear Operator
- = Omit For Bare Stem

ANSI 300 Dimensions

Model	SIZE	A	B	C	D	E	F	G	H	I	J	K	Torque in/Lbs	
													Soft Seat	Metal Seat
HB*L300-*2	2"	1.69	3.39	4.84	1.38	2.76	0.43	5/8-11x4	1.93	6.26	8.78	-	478	784
HB*L300-*2.5	2 1/2"	1.81	3.86	5.67	1.38	2.76	0.43	3/4-10x8	2.44	7.09	8.78	-	610	1025
HB*L300-*3	3"	1.89	4.13	6.06	1.38	2.76	0.43	5/8-11x4	2.87	7.48	8.78	-	685	1160
HB*L300-*4	4"	2.13	4.72	6.85	1.38	2.76	0.43	5/8-11x8	3.74	8.27	8.78	-	1180	2007
HB*L300-*5	5"	2.20	5.67	7.36	1.38	2.76	0.55	3/4-10x8	4.72	9.02	10.35	-	1800	2725
HB*L300-*6	6"	2.32	6.89	9.06	1.38	2.76	0.67	3/4-10x12	5.55	9.80	10.35	-	1965	2000
HB*L300-*8	8"	2.87	7.83	10.63	1.97	4.92	0.87	7/8-9x12	7.64	16.34	9.06	9.84	3538	5511
HB*L300-*10	10"	3.27	9.61	12.28	1.97	4.92	1.06	1.0-8x16	9.41	17.32	9.06	9.84	5892	8489
HB*L300-*12	12"	3.62	10.83	14.29	1.97	5.51	1.41	11/8-8x16	11.30	20.59	11.02	13.78	8627	17856
HB*L300-*14	14"	4.61	12.72	15.55	1.97	6.50	0.63 0.39 key	11/8-8x20	13.03	21.54	11.02	13.78	15925	24119
HB*L300-*16	16"	5.24	13.86	17.32	2.17	6.50	0.63 0.39 key	1.0-8x20	15.08	23.90	11.02	13.78	22356	35566
HB*L300-*18	18"	5.87	15.31	19.09	3.15	6.50	0.79 0.47 key	11/8-8x24	17.09	25.59	11.81	13.78	29904	52874
HB*L300-*20	20"	6.26	16.46	21.26	3.15	10.00	0.79 0.47 key	11/8-8x24	18.98	26.77	11.81	13.78	42152	79336
HB*L300-*24	24"	7.13	20.47	22.44	4.33	10.00	0.98 0.55 key	11/4-8x24	22.83	39.13	11.81	13.78	54845	98970