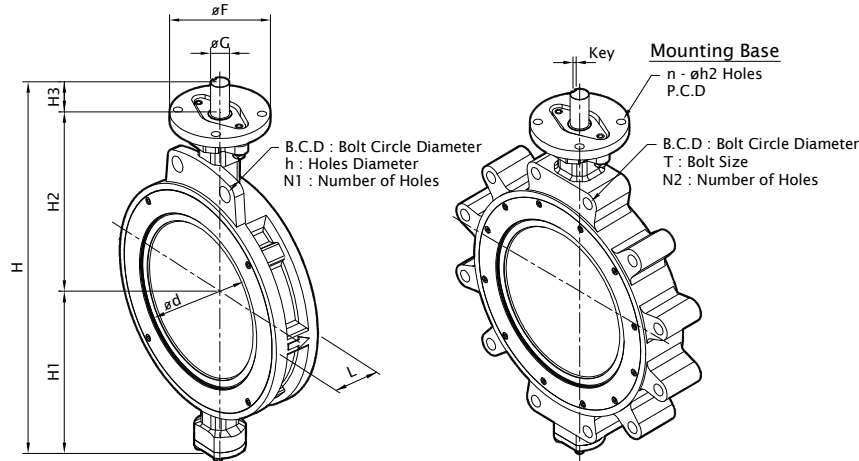
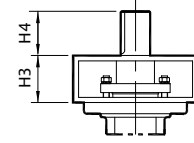


Dimensions -Wafer & Lug Type

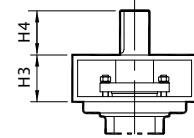
SERIES 400 High Performance Valve



Class150
40inch & Larger
Application : Bracket



Class300
28inch & Larger
Application : Bracket



Class 150 (ANSI B16.5, ANSI B16.47 Series B)

Size mm inch	ød	L	H	H1	H2	H3	H4	K	øG	øF	Flange Dimensions				Mounting Dimensions			
											B.C.D	øh	T	N1	N2	P.C.D	n	øh2
650 26	587 23.11	165 6.50	1112 43.79	480 18.90	530 20.87	102 4.02	-	19.1x12.7 0.75x0.50	64.9 2.555	290 11.42	744.5 29.31	-	3/4"x10unc	8	36	254 10.00	8	19 0.75
700 28	638 25.12	165 6.50	1157 45.55	505 19.88	550 21.65	102 4.02	-	19.1x12.7 0.75x0.50	64.9 2.555	290 11.42	795.3 31.31	-	3/4"x10unc	8	40	254 10.00	8	19 0.75
750 30	686 27.01	190 7.48	1233 48.55	530 20.87	590 23.23	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	846.1 33.31	-	3/4"x10unc	8	44	254 10.00	8	19 0.75
800 32	735 28.94	190 7.48	1298 51.10	565 22.24	620 24.41	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	900.2 35.44	-	3/4"x10unc	8	48	254 10.00	8	19 0.75
850 34	783 30.83	203 7.99	1348 53.07	580 22.83	655 25.79	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	957.3 37.69	-	7/8"x9unc	8	40	254 10.00	8	19 0.75
900 36	839 33.03	203 7.99	1408 55.43	620 24.41	675 26.57	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	1009.7 39.75	-	7/8"x9unc	8	44	254 10.00	8	19 0.75
950 38	900 35.43	216 8.50	1483 58.39	670 26.38	700 27.56	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	1069.8 42.12	-	1"x8unc	8	40	254 10.00	8	19 0.75
1000 40	948 37.32	216 8.50	1695 66.73	725 28.54	700 27.56	150 5.91	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1120.6 44.12	-	1"x8unc	8	44	298 11.73	8	23 0.91
1050 42	1002 39.45	241 9.49	1805 71.06	740 29.13	785 30.91	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1171.4 46.12	-	1"x8unc	8	48	298 11.73	8	23 0.91
1200 48	1127 44.37	254 10.00	1940 76.38	830 32.68	830 32.68	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1335.0 52.56	-	1 1/8"x8unc	8	44	298 11.73	8	23 0.91

Class 300 (ANSI B16.5, ANSI B16.47 Series B)

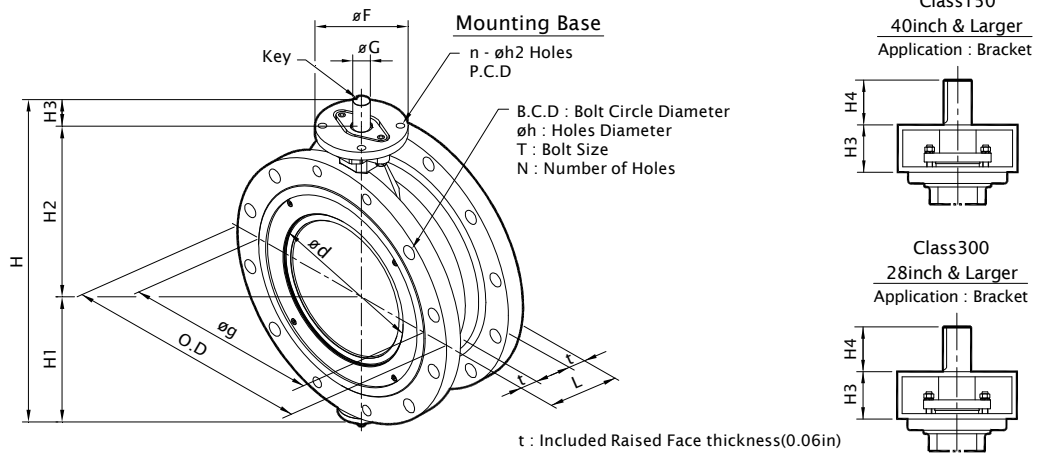
Size mm inch	ød	L	H	H1	H2	H3	H4	K	øG	øF	Flange Dimensions				Mounting Dimensions			
											B.C.D	øh	T	N1	N2	P.C.D	n	øh2
650 26	602 23.70	210 8.27	1223 48.15	525 20.67	585 23.03	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	803.1 31.62	-	1 1/4"x8unc	8	32	254 10.00	8	19 0.75
700 28	646 25.43	229 9.02	1450 57.08	570 22.44	600 23.62	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	857.3 33.75	-	1 1/4"x8unc	8	36	298 11.73	8	23 0.91
750 30	690 27.17	230 9.06	1490 58.66	600 23.62	610 24.02	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	920.8 36.25	-	1 3/8"x8unc	8	36	298 11.73	8	23 0.91
800 32	750 29.53	241 9.49	1570 61.81	650 25.59	640 25.20	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	977.9 38.50	-	1 1/2"x8unc	8	32	298 11.73	8	23 0.91
900 36	850 33.46	273 10.75	1755 69.09	710 27.95	750 29.53	160 6.30	135 5.31	32x18 1.26x0.71	119.9 4.720	-	1089.2 42.88	-	1 5/8"x8unc	8	32	298 11.73	8	23 0.91
950 38	896 35.28	300 11.81	1825 71.85	750 29.53	780 30.71	160 6.30	135 5.31	32x18 1.26x0.71	119.9 4.720	-	1140.0 44.88	-	1 5/8"x8unc	8	36	298 11.73	8	23 0.91
1000 40	934 36.77	300 11.81	1928 75.90	788 31.02	820 32.28	170 6.69	150 5.91	36x20 1.42x0.79	139.9 5.508	-	1190.8 46.88	-	1 5/8"x8unc	8	40	356 14.02	8	33 1.30
1200 48	1094 43.07	350 13.78	2260 88.97	915 36.02	970 38.19	200 7.87	175 6.89	45x25 1.77x0.98	178.8 7.039	-	1416.0 55.75	-	1 7/8"x8unc	8	40	406 15.98	8	39 1.54

■ Dimensions are subject to change without notice.

REV.1

Dimensions - Flanged Type

SERIES 400 High Performance Valve



Class 150 (ANSI B16.5, ANSI B16.47 Series B)

Size mm inch	ød	L	O.D.	øg	t	H	H1	H2	H3	H4	K	øG	øF	Flange Dimensions				Mounting Dimensions		
														B.C.D.	øh	T	N	P.C.D.	n	øh2
650 26	587 23.11	292 11.50	785.9 30.94	711.2 28.00	41.4 1.63	1112 43.79	480 18.90	530 20.87	102 4.02	-	19.1x12.7 0.75x0.50	64.9 2.555	290 11.42	744.5 29.31	22.2 0.875	3/4"x10unc	36	254 10.00	8	19 0.75
700 28	638 25.12	292 11.50	836.7 32.94	762.0 30.00	44.5 1.75	1157 45.55	505 19.88	550 21.65	102 4.02	-	19.1x12.7 0.75x0.50	64.9 2.555	290 11.42	795.3 31.31	22.2 0.875	3/4"x10unc	40	254 10.00	8	19 0.75
750 30	686 27.01	318 12.52	887.5 34.94	812.8 32.00	44.5 1.75	1233 48.55	530 20.87	590 23.23	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	846.1 33.31	22.2 0.875	3/4"x10unc	44	254 10.00	8	19 0.75
800 32	735 28.94	318 12.52	941.3 37.06	863.6 34.00	46.0 1.81	1298 51.10	565 22.24	620 24.41	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	900.2 35.44	22.2 0.875	3/4"x10unc	48	254 10.00	8	19 0.75
850 34	783 30.83	330 12.99	1004.8 39.56	920.8 36.25	49.3 1.94	1348 53.07	580 22.83	655 25.79	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	957.3 37.69	25.4 1.000	7/8"x9unc	40	254 10.00	8	19 0.75
900 36	839 33.03	330 12.99	1057.1 41.62	971.6 38.25	52.3 2.06	1408 55.43	620 24.41	675 26.57	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	1009.7 39.75	25.4 1.000	7/8"x9unc	44	254 10.00	8	19 0.75
950 38	900 35.43	410 16.14	1124.0 44.25	1022.4 40.25	54.1 2.13	1483 58.39	670 26.38	700 27.56	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	1069.8 42.12	28.6 1.125	1"x8unc	40	254 10.00	8	19 0.75
1000 40	948 37.32	410 16.14	1174.8 46.25	1079.5 42.50	55.6 2.19	1695 66.73	725 28.54	700 27.56	150 5.91	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1120.6 44.12	28.6 1.125	1"x8unc	44	298 11.73	8	23 0.91
1050 42	1002 39.45	430 16.93	1225.6 48.25	1130.3 44.50	58.7 2.31	1805 71.06	740 29.13	785 30.91	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1171.4 46.12	28.6 1.125	1"x8unc	48	298 11.73	8	23 0.91
1200 48	1127 44.37	470 18.50	1392.2 54.81	1289.1 50.75	65.0 2.56	1940 76.38	830 32.68	830 32.68	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	1335.0 52.56	31.8 1.250	1 1/8"x8unc	44	298 11.73	8	23 0.91

Class 300 (ANSI B16.5, ANSI B16.47 Series B)

Size mm inch	ød	L	O.D.	øg	t	H	H1	H2	H3	H4	K	øG	øF	Flange Dimensions				Mounting Dimensions		
														B.C.D.	øh	T	N	P.C.D.	n	øh2
650 26	602 23.70	292 11.50	866.6 34.12	736.6 29.00	88.9 3.50	1223 48.15	525 20.67	585 23.03	113 4.45	-	22x14 0.87x0.55	79.9 3.146	330 12.99	803.1 31.62	34.9 1.375	1 1/4"x8unc	32	254 10.00	8	19 0.75
700 28	646 25.43	292 11.50	920.8 36.25	787.4 31.00	88.9 3.50	1450 57.09	570 22.44	600 23.62	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	857.3 33.75	34.9 1.375	1 1/4"x8unc	36	298 11.73	8	23 0.91
750 30	690 27.17	318 12.52	990.6 39.00	844.6 33.25	93.7 3.69	1490 58.66	600 23.62	610 24.02	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	920.8 36.25	38.1 1.500	1 3/8"x8unc	36	298 11.73	8	23 0.91
800 32	750 29.53	318 12.52	1054.1 41.50	901.7 35.50	103.1 4.06	1570 61.81	650 25.59	640 25.20	160 6.30	120 4.72	28x16 1.10x0.63	99.9 3.933	-	977.9 38.50	41.3 1.625	1 1/2"x8unc	32	298 11.73	8	23 0.91
900 36	850 33.46	330 12.99	1171.4 46.12	1009.7 39.75	103.1 4.06	1755 69.09	710 27.95	750 29.53	160 6.30	135 5.31	32x18 1.26x0.71	119.9 4.720	-	1089.2 42.88	44.5 1.750	1 5/8"x8unc	32	298 11.73	8	23 0.91
950 38	896 35.28	410 16.14	1222.2 48.12	1060.5 41.75	111.3 4.38	1825 71.85	750 29.53	780 30.71	160 6.30	135 5.31	32x18 1.26x0.71	119.9 4.720	-	1140.0 44.88	44.5 1.750	1 5/8"x8unc	36	298 11.73	8	23 0.91
1000 40	934 36.77	412 16.22	1273.0 50.12	1114.6 43.88	115.8 4.56	1928 75.90	788 31.02	820 32.28	170 6.69	150 5.91	36x20 1.42x0.79	139.9 5.508	-	1190.8 46.88	44.5 1.750	1 5/8"x8unc	40	356 14.02	8	33 1.30
1200 48	1094 43.07	470 18.50	1511.3 59.50	1327.2 52.25	128.5 5.06	2260 88.97	915 36.02	970 38.19	200 7.87	175 6.89	45x25 1.77x0.98	178.8 7.039	-	1416.1 55.75	50.8 2.000	1 7/8"x8unc	40	406 15.98	8	39 1.54

■ Dimensions are subject to change without notice.