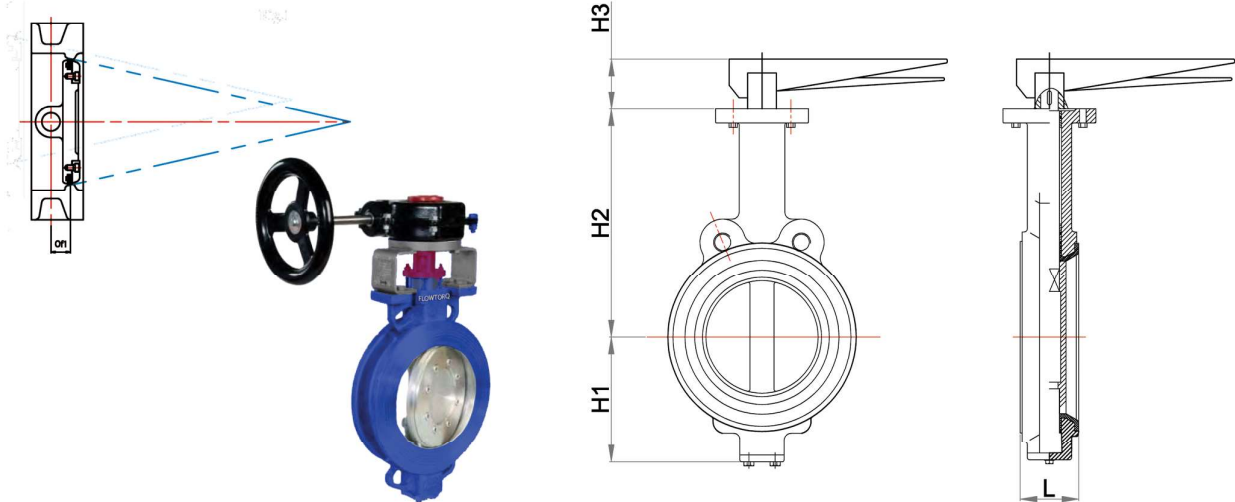




# BUTTERFLY VALVES - HIGH PERFORMANCE SINGLE OFFSET



FLOWTORQ make High Performance Butterfly valves are "Single Offset" design. Although, are similar to ceterline type, a typical difference is that the centre of rotation is moved back from the centreline of the valve disc. The seat and seal are designed conically and on centre. This design relies on a frictional, interference seal and so is applicable only to soft seated valves.



SIZE		L		WAFLER TYPE			WEIGHT (APPROX.) (kg)
inch	mm	#150	#300	H1	H2	H3	Wafler
2"	50	43	43	60	180	35	4.5
2.5"	65	46	46	70	180	35	5.5
3"	80	48	48	75	185	35	9
4"	100	54	54	100	200	35	10
5"	125	57	57	110	215	35	13
6"	150	57	59	130	235	35	17
8"	200	64	73	150	255	50	26
10"	250	71	83	245	300	50	40
12"	300	81	92	285	320	50	68
14"	350	92	117	342	440	80	93
16"	400	102	133	380	460	80	121
18"	450	114	149	402	492	120	144
20"	500	127	159	432	552	120	160
22"	550	154	159	465	572	120	228
24"	600	154	181	510	610	120	284
26"	650	165	-	540	630	120	327
28"	700	165	-	570	665	120	388
30"	750	190	-	595	695	140	462
32"	800	190	-	640	740	140	607
36"	900	203	-	705	800	140	860
40"	1000	216	-	675	865	140	1180
44"	1100	254	-	830	925	170	1460
48"	1200	254	-	890	990	170	1800
56"	1400	280	-	950	1160	180	2045
64"	1600	360	-	1100	1260	180	2570
72"	1800	360	-	1200	1370	200	2895
80"	2000	400	-	1275	1450	220	3120

(Code -SVE)

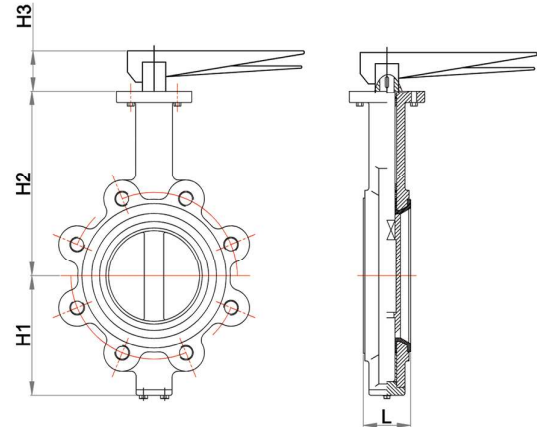
DESIGN STANDARD	
DESIGN STANDARD	ISO 5752, API 609, BS 5155, ASME B16.34
Face to Face / End to End Dimensions	BS 5155, API 609, ISO 5752, MSS SP67
Valve inspection & testing	API598, BS 5146, ISO 5208 Rate A, FCI 70.2 Cl. VI
Pressure - Temperature rating	ASME B16.34
Flange Standards	ANSI B16.5, PN6, PN10, PN16, BS10 D & E



# BUTTERFLY VALVES - HIGH PERFORMANCE SINGLE OFFSET



FLOWTORQ make High Performance Butterfly valves are "Single Offset" design. Although, are similar to ceterline type, a typical difference is that the centre of rotation is moved back from the centreline of the valve disc. The seat and seal are designed conically and on centre. This design relies on a frictional, interference seal and so is applicable only to soft seated valves.



SIZE		L		LUG TYPE			WEIGHT (APPROX.) (kg)
inch	mm	#150	#300	H1	H2	H3	Lug
2"	50	43	43	115	182	45	6
2.5"	65	46	46	130	200	45	7
3"	80	48	48	140	215	45	11
4"	100	54	54	160	232	45	12
5"	125	57	57	185	245	45	16
6"	150	57	59	190	260	45	21
8"	200	64	73	220	292	65	32
10"	250	71	83	270	353	65	48
12"	300	81	92	300	372	65	82
14"	350	92	117	342	440	80	112
16"	400	102	133	380	460	80	146
18"	450	114	149	402	492	120	173
20"	500	127	159	432	552	120	192
22"	550	154	159	465	572	120	274
24"	600	154	181	510	610	120	341
26"	650	165	-	540	630	120	393
28"	700	165	-	570	665	120	466
30"	750	190	-	595	695	140	555
32"	800	190	-	640	740	140	729
36"	900	203	-	705	800	140	1032
40"	1000	216	-	675	865	140	1416
44"	1100	254	-	830	925	170	1752
48"	1200	254	-	890	990	170	2160
56"	1400	280	-	950	1160	180	2454
64"	1600	360	-	1100	1260	180	3084
72"	1800	360	-	1200	1370	200	3474
80"	2000	400	-	1275	1450	220	3744

(Code -SVE)

DESIGN STANDARD	
DESIGN STANDARD	ISO 5752, API 609, BS 5155, ASME B16.34
Face to Face / End to End Dimensions	BS 5155, API 609, ISO 5752, MSS SP67
Valve inspection & testing	API598, BS 5146, ISO 5208 Rate A, FCI 70.2 Cl. VI
Pressure - Temperature rating	ASME B16.34
Flange Standards	ANSI B16.5, PN6, PN10, PN16, BS10 D & E





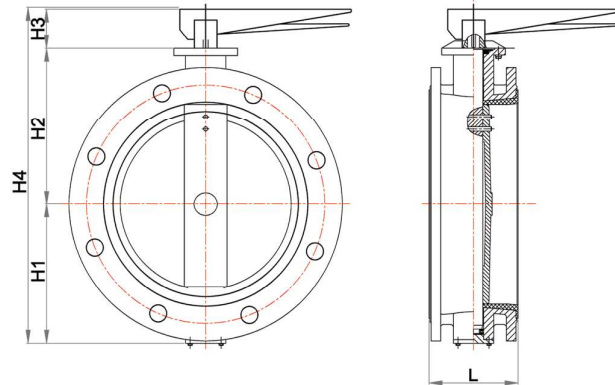
# BUTTERFLY VALVES - HIGH PERFORMANCE SINGLE OFFSET



FLOWTORQ make High Performance Butterfly valves are "Single Offset" design. Although, are similar to ceterline type, a typical difference is that the centre of rotation is moved back from the centreline of the valve disc. The seat and seal are designed conically and on centre. This design relies on a frictional, interference seal and so is applicable only to soft seated valves.



CAN BE FIT WITH GEARBOX



SIZE		L		DOUBLE FLANGE TYPE			WEIGHT (APPROX.) (kg)	
inch	mm	#150	#300	H1	H2	H3	150#	300#
2"	50	108	108	115	182	45	7	11
2.5"	65	112	112	130	200	45	9	15
3"	80	114	180	140	215	45	12	21
4"	100	127	190	160	232	45	18	30
5"	125	140	190	185	245	45	23	38
6"	150	140	210	190	260	45	31	52
8"	200	152	230	220	292	65	47	78
10"	250	165	250	270	353	65	67	112
12"	300	178	270	300	372	65	103	172
14"	350	190	290	342	440	80	146	243
16"	400	216	310	380	460	80	176	293
18"	450	222	330	402	492	120	222	370
20"	500	229	350	432	552	120	268	446
22"	550	229	350	465	572	120	396	660
24"	600	267	390	510	610	120	413	688
26"	650	267	410	540	630	120	524	874
28"	700	292	430	570	665	120	538	897
30"	750	292	450	595	695	140	832	1386
32"	800	318	470	640	740	140	1076	1793
36"	900	330	510	705	800	140	1590	2651
40"	1000	410	550	675	865	140	2124	3540
44"	1100	410	550	830	925	170	2453	4088
48"	1200	470	630	890	990	170	2732	4553
56"	1400	280	950	950	1160	180	3206	5343
64"	1600	360	1100	1100	1260	180	3734	6223
72"	1800	360	1200	1200	1370	200	4463	7439
80"	2000	400	1275	1275	1450	220	5218	8697

(Code -SVE)

DESIGN STANDARD	
DESIGN STANDARD	ISO 5752, API 609, BS 5155, ASME B16.34
Face to Face / End to End Dimensions	BS 5155, API 609, ISO 5752, MSS SP67
Valve inspection & testing	API598, BS 5146, ISO 5208 Rate A, FCI 70.2 Cl. VI
Pressure - Temperature rating	ASME B16.34
Flange Standards	ANSI B16.5, PN6, PN10, PN16, BS10 D & E

