



## Dimensions (Sizes 2" – 10")

NOMINAL SIZE		ANSI Class 150															
		d	C	n	h	D	D1	L	H	H1	H2	H3	l	W	A	A1	A2
INCHES	mm																
2	50	2.17	4.75	2(4)	0.75	3.54	6.30	1.73	5.08	2.40	3.94	2.36	8.23	4.57	6.57	3.15	1.85
3	80	3.15	6.00	-(4)	0.75	4.92	6.30	2.13	5.83	3.74	4.69	2.36	8.98	5.98	6.57	3.15	1.85
4	100	3.94	7.50	4(8)	0.75	6.06	6.30	2.32	6.46	3.90	5.31	2.36	9.61	6.85	6.57	3.15	1.85
5	125	4.92	8.50	4(8)	0.88	7.13	6.30	2.52	7.36	4.72	6.22	2.36	10.51	8.11	6.57	3.15	1.85
6	150	5.91	9.50	4(8)	0.88	8.31	6.30	2.95	8.03	5.39	6.89	2.36	11.18	9.29	6.57	3.15	1.85
8	200	7.52	11.75	4(8)	0.88	10.43	6.30	3.35	9.21	6.42	8.07	2.36	12.36	11.10	6.57	3.15	1.85
10	250	9.65	14.25	4(12)	1.00	12.80	7.87	3.78	10.59	7.87	9.45	2.36	14.53	13.43	7.83	3.74	2.36

## Parts List (Gear: Sizes 2" – 10")

PARTS			
NO.	DESCRIPTION	PCS.	MATERIAL
1	Body	1	Ductile Cast Iron*
2	Disc	1	PTFE
2a	Disc Insert	1	Stainless Steel 304
3	Seat	1	PTFE
3a	Cushion Rubber	1	CR
4	Stem	1	Stainless Steel 304
5	Bush	2	Stainless Steel 304
6	O-Ring	2	EPDM
7	Bolt (A)	-	Stainless Steel 304
8	Gear Box	1	Diecast Aluminum Alloy*
9	Bolt (B)	4	Stainless Steel 304

\*With epoxy powder coating

## Sample Specification

All Type 55 butterfly valves shall be of epoxy powder coated ductile cast iron body design and bubble-tight seal (meeting or exceeding Class VI as defined by American National Standard Institute) with only the liner and disc as wetted parts. The lever handle (sizes 2" thru 5") shall have a molded provision for a padlock. Gear operators shall be worm gear design, self-locking, with diecast aluminium body and corrosion resistant powder coat finish. Valves shall have a molded ISO bolt pattern conforming to 5211/I and 5211/II on top flange for actuator mount. The disc shall be of PTFE. Liner shall be of PTFE with Neoprene® backing cushion. Stem shall be of stainless steel, not wetted and have engagement over the full length of the disc. The butterfly valves shall be wafer style, Valves shall be rated to 150 psi from -5 degrees F. to +210 degrees F., as manufactured by Asahi/America, Inc.