



DIMENSION TABLE

NOMINAL SIZE		ANSI 501b					UNIT:inch																Number of handle wheel rotations
inch	mm	d	c	n	h	D	D1	D2	D3	L1	L2	H	H1	H2	H3	l	A1	A2	W	T	t		
3	80	3.03	6.00	4	0.75	7.28	4.13	4.80	6.30	1.73	1.81	6.50	3.82	5.12	3.62	9.65	6.57	2.52	7.09	1.26	5/8-11 UNC	9.5	
4	100	4.02	7.50	8	0.75	8.27	5.28	4.80	6.30	2.05	2.20	7.09	4.41	5.71	3.62	10.24	6.57	2.52	8.50	1.52	5/8-11 UNC		
6	150	5.91	9.50	8	0.87	10.63	7.48	4.80	6.30	2.20	2.40	8.27	5.55	6.89	3.62	11.42	6.57	2.52	10.67	1.57	3/4-10 UNC		
8	200	7.68	11.75	8	0.87	12.60	9.53	4.80	6.30	2.36	2.66	9.49	6.61	8.11	3.62	12.64	6.57	2.52	12.76	1.57	3/4-10 UNC		

NOTE. The shape and appearance of assembly differ a little with nominal size compared to this drawing.
Lug Insert 1e - optional

No.	DESCRIPTION	QTY.	MATERIAL	REMARKS
158	GASKET(L)	1	EPDM	
157	SCREW(F)	4	STAINLESS STEEL (SS304)	
156	STABILIZATION RINGS	2	STAINLESS STEEL (SS316)	
28	BOLT(C)	4	STAINLESS STEEL (SS304)	
25	GEAR BOX	1	PLASTIC etc.	
8	STEM RETAINER (A)	1	PP	
7	STEM	1	STAINLESS STEEL (SS316)	
6	O-RING (C)	1	□EPDM □FKM □NBR □Others()	
3	SEAT	1		
2	DISC	1	□PP □PVC □CPVC □PVDF	
1e	LUG-INSERT	-	□STAINLESS STEEL (SS316)	
1	BODY	1	PVC	
No.	DESCRIPTION	QTY.	MATERIAL	REMARKS

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ASAHI/AMERICA
ISO 9001 CERTIFIED
35 GREEN STREET, P.O. BOX 653, MALDEN, MA.



	NAME	DATE
DR	C. Williams	11/11/09
APPD	Dave Hurley	11/11/09
PROD	Leo Lester	11/11/09
PRODUCT: VALVE		
WO#/CO#		

BUTTERFLY VALVE TYPE57 LIS GEAR TYPE (LUG STYLE) 3" - 8" ISO SHORT		
SIZE A	DWG. NO. 0172BF57LIS	REV A
SCALE NTS		SHEET 1 OF 1