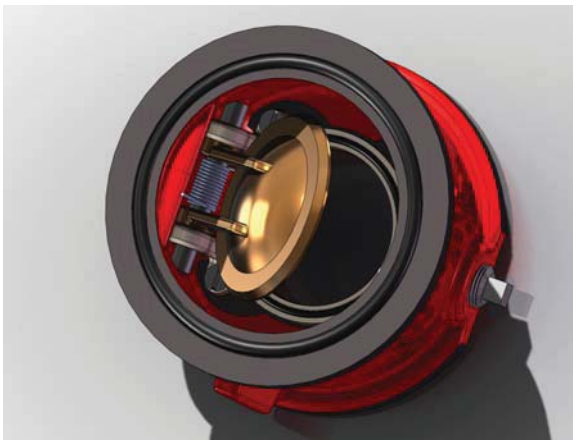
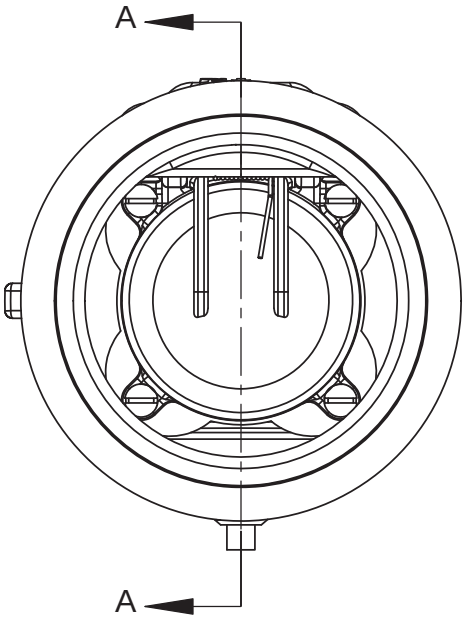
KENNEDY VALVE FIGURE 806 WAFER CHECK VALVES

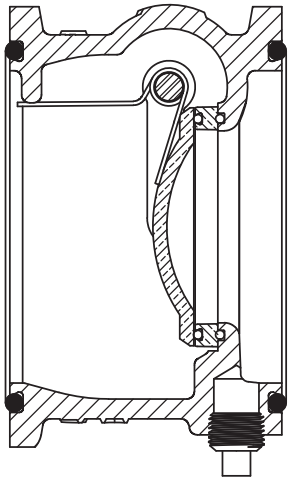
UL/ULC Listed and FM Approved

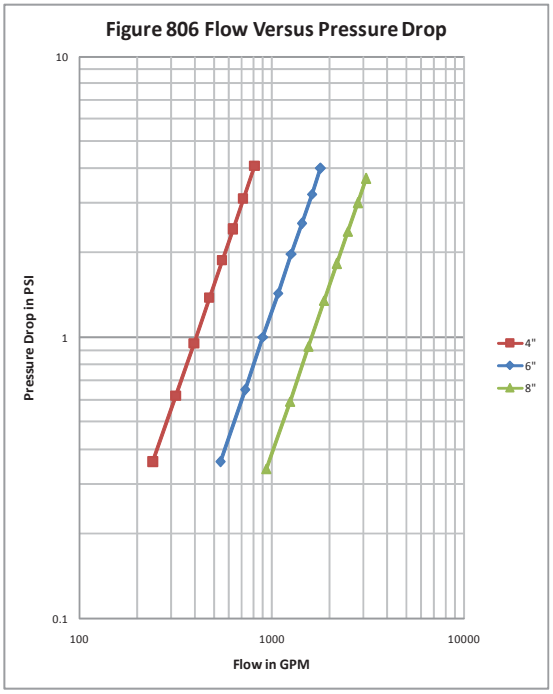
300 psi rated working pressure, non-shock
Hydrostatically tested at the factory to
600 psi, seat and shell



- Sizes 4, 6, and 8 inch
- Ductile Iron Body
- Aluminum Bronze Clapper and Seat Ring
- Resilient Seating
- "O" Ring End Seals
- Stainless Steel Spring and Clapper Pin
- All Components Lead Free
- Fusion Bonded Epoxy Coated Interior and Exterior





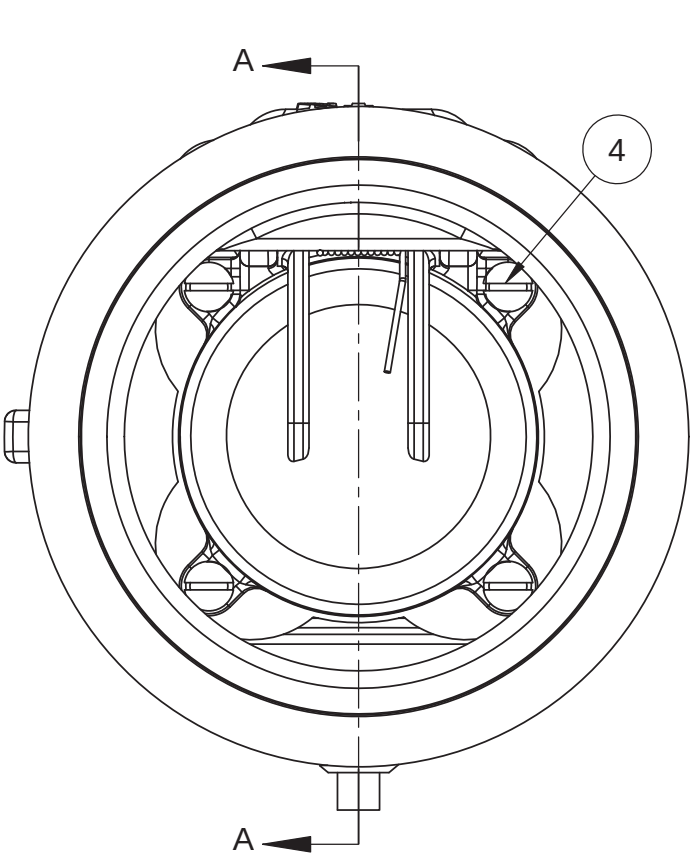


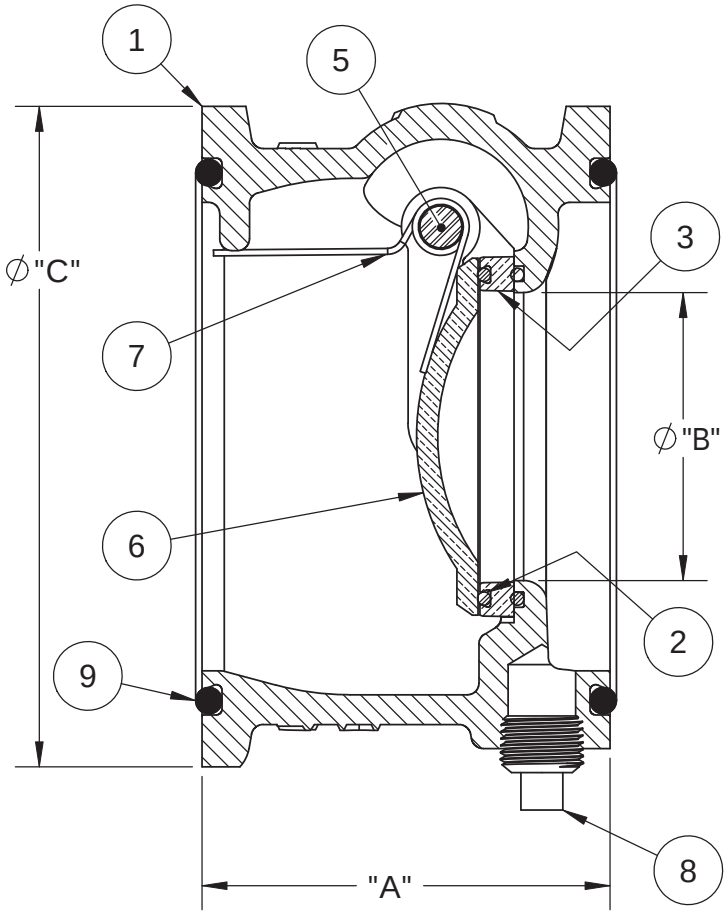
Compact, for installation between standard ASME B16.1 class 125 or class 150 flanges.
Mounting between class 250/300 flanges requires use of spacers.
Kennedy WAFER CHECK VALVES have spring loaded aluminum bronze clappers, resilient seating, and utilize "O" rings rather than gaskets for end seals.

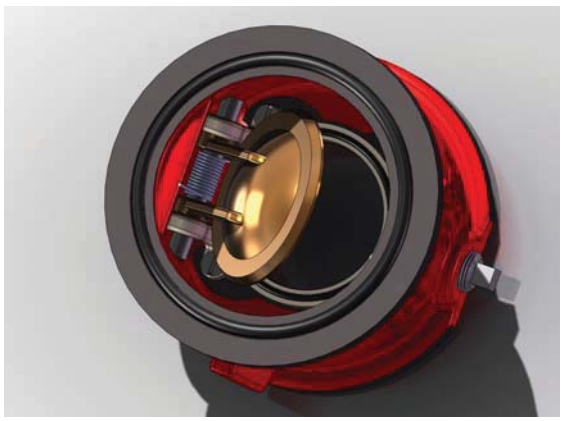
Flow Verses Pressure Drop Data from
Utah Water Research Laboratory
Report No. 2040 and 2073

Wafer Check Valves Technical/Dimensional Data

ITEM NO.	DESCRIPTION	MATERIAL	QTY.
1	Body	Ductile Iron, ASTM A536 grade 70-50-5	1
2	Oring	Buna-N	2
3	Seat Ring	Aluminum Bronze, ASTM B806 C95400/C95500	1
4	Screw	18-8 Stainless Steel	4 (8" SIZE HAS 6)
5	Pin	18-8 Stainless Steel	1
6	Clapper	Aluminum Bronze, ASTM B806 C95400/C95500	1
7	Spring	302 Stainless Steel	1
8	1/2" NPT Pipe Plug	Steel	1 (4" SIZE ONLY)
9	Oring	Buna-N	2

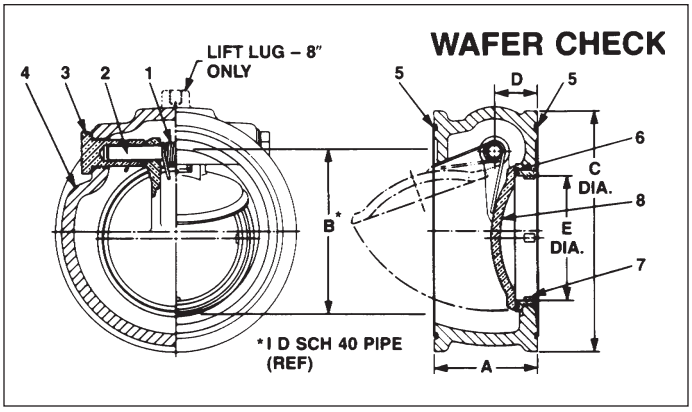






SIZE	"A"	"B"	"C"	WT lbs
4"	4.25	3.00	6.88	12
6"	4.25	4.50	8.75	18
8"	4.25	6.00	11.00	26

Wafer Check Valves Technical/Dimensional Data



Size	A	B	C	D	E
4"	3.75	4.03	6.87	1.34	3.03
6"	3.75	6.06	8.75	1.53	4.56
8"	4.25	7.98	11.00	1.92	6.00

BODY MARKINGS	
(ONE SIDE) SIZE–3[illegible] 706	(OPPOSITE SIDE) KENNEDY CLEAR

Part No.	Qty.	Description	Material & ASTM Spec.
1	1	Spring	Stainless Steel, A-313 (302)
2	1	Hinge Pin	Stainless Steel, A-276 (304/316)
3	2	Side Plug	Bronze
4	1	Body	Cast Iron A-126 Class B
5	2	O-Ring	Syn. Rubber
6*	1	Seal	Syn. Rubber
7*	1	Seat Ring	Bronze
8	1	Clapper	Bronze

*Denotes part is only available as part of an assembly.

DISCONTINUED (April 2011) (REPLACED BY FIGURE 806)

Features

Wafer Check Valve-UL/FM

- Short laying length.
- Spring loaded for more effective control of water hammer.
- Stainless steel spring.
- Resilient seating.
- Easy maintenance with a minimum number of parts.
- Built-in O-Ring flange seals - gaskets *not required.*
- Mounts between standard ANSI B 16.1/125 lb. flanges. Mounting between 250 lb. flanges requires use of spacers.
- May be installed in a vertical line with flow up or down.
- Testing
  Test Pressure - Seat and Shell - 600 PSI
  Working Pressure - Non-Shock - 300 PSI
- Figure #706

Kennedy Wafer Check Valves

UL-FM/A.W.W.A/ULC

APPROVED BY N.Y.C. BOARD OF STDS.

- Sizes 4, 6 & 8 Inch
- Iron Body
- Bronze Disc
- Resilient Seating
- “O” Ring End Seals

Working Pressure:
300 PSI, Non-Shock

Compact, for installation between standard flanges, Kennedy WAFER CHECK VALVES have spring loaded bronze discs, resilient seating, and utilize “O” rings rather than gaskets for end seals.

HYDROSTATIC TEST PRESSURE: Seat and Shell - 600 PSI.

UL LISTED/FM APPROVED
ULC LISTED

FLOW VERSUS PRESSURE DROP

Data Representative of Kennedy Figure 706 Wafer Check Valves

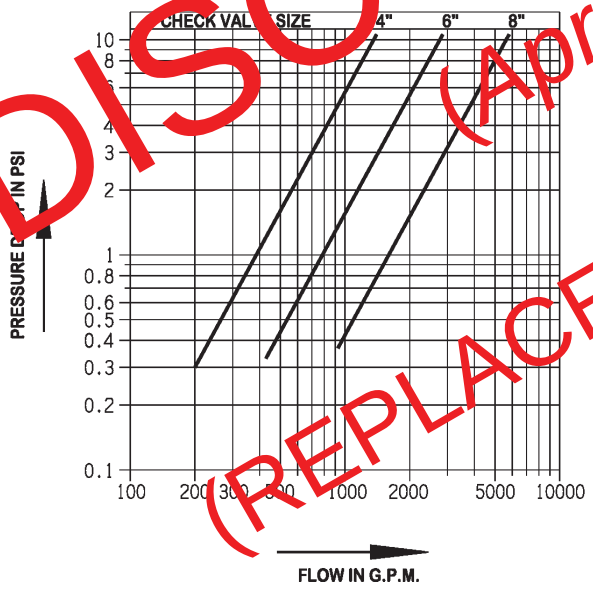
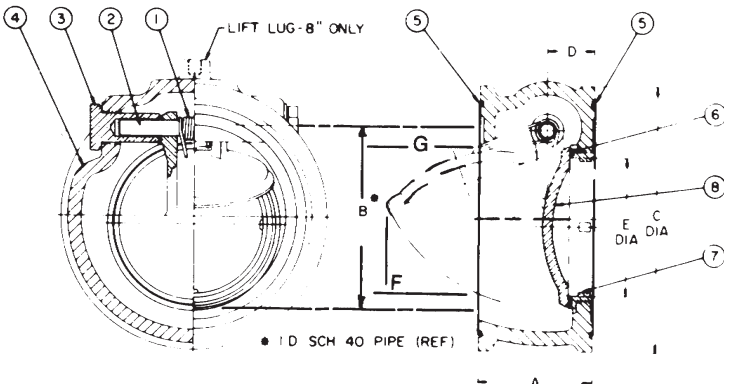


FIG. 706

DET.	DESCRIPTION	QTY.	MATERIAL and ASTM SPEC.
01	Spring	1	Stainless Steel ASTM 313-AISI Type 302
02	Hinge Pin	1	Stainless Steel ASTM A276-AISI Type 302/304
03	Side Plug	2	Bronze
04	Valve Body	1	Cast Iron ASTM A126 Class B
05	“O” Ring	2	BUNA-N-ASTM D-735
06	Seal	1	BUNA-N, U/L-312
07	Seat Ring	1	Bronze ASTM B-62
08	Clapper	1	Aluminum Bronze ASTM B806 Alloy C95400/C95500



Size	A	B	C	D	E	WT. LBS.	F	G	WT.
4	3.75	4.03	6.87	1.34	3.03	15	1.50	2.19	15
6	3.75	6.06	8.75	1.53	4.56	23	3.50	2.13	23
8	4.25	7.98	11.00	1.92	6.00	39	5.50	2.50	39