



SWING CHECK VALVES

KENNEDY FIG 1126 & 1126A

UL/FM Approved Flanged Type

Kennedy Swing Check Valves or Non Return Valves are for use where backflow is to be prevented. The valves are designed with a Flanged Cast iron body generally meeting AWWA C 508 wall thickness. The disc is designed with ample tolerances to compensate for seat ring wear and self-adjusting. The spinning action of the disc creates a regrinding effect that cleans the seat ring of foreign particles and offers a better shut off. Valves are available in either metal-to-metal or rubber-to-metal seating and both designs are UL/FM approved.



General Specifications

Type : UL/FM Flanged Check Valve

Sizes : 2½" to 12"

Working Pressure : 175 PSIG (12.00 bar) UL/FM Approved
: 200 PSIG (13.7 bar) AWWA Rated

Fire Water, Cold Water, Non-Shock Application

Models

1126 : Metal Seated, Bronze Disc

1126A : Resilient Seated

Flanges

ANSI B 16.1 Class 125/150 FF

Options : PN 16 flange suitability

Test Pressure

Seat Test : 350 PSI (24 Bar)

Shell Test : 350 PSI (24 Bar)

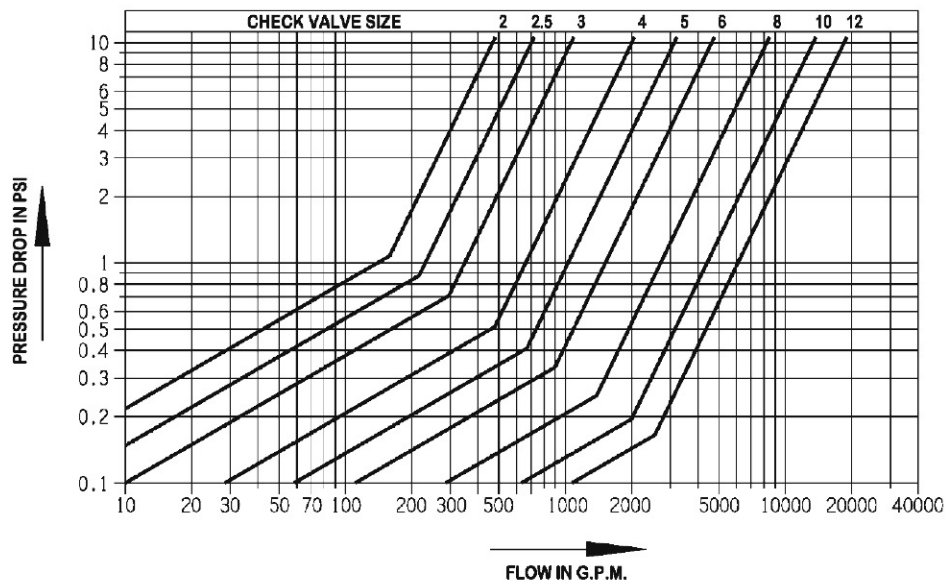
Coating

Fusion Bonded Epoxy Coated

NSF Approved

FLOW VERSUS PRESSURE DROP

Data Representative of Kennedy Fig. 1126 and 1126A Swing Check Valves



*Options are limited to UL/FM models. Please check with us prior to ordering.

Swing Check Valves UL/FM

Common Parts:

Part No.	Description	Material	A.S.T.M. Spec.
1	Cap Bolts	Stainless Steel 18-8	F593C
2	Cap	Cast Iron	A-125 Class B
3	"O" Ring	Buna "N"	
5	Body	Cast Iron	A-126 Class B
6	Hinge Pin	Stainless Steel	A-276 (304)
7	Hinge Bushing	Sint. Bronze	+ 4" Thru 12"
12	Seat Ring	Steel Socket 3/4" Pipe Plug@	B-62
13	Drain Plug	Bronze	A-126 Class B
	Side Plugs with O-Ring		B-16

+ Cannot be ordered separately, only with hinge.
@ 9/16 Allen Wrench Req'd for Removal/Installation

Fig. 1126 Bronze Disc Assembly Sizes 2½" and 3"

8	Hinge	Mang. Bronze	B584 Alloy C864
10	Disc Nut	Bronze	B-16
11	Disc	Bronze	B-62

Fig. 1126 Bronze Faced Disc Assembly Sizes 4" and 12"

14	"O" Rings	Buna "N"	
15	Disc Bolt	Bronze	B-16
17	Hinge	Malleable Iron	A-47
18	Disc	Malleable Iron	A-47
19	Disc Ring	Bronze	B-62

Fig. 1126A Rubber Faced Disc Sizes 2½" and 3"

29	Disc Holder	Bronze	B-62
21	Disc	4, 6 EPDM	Rubber
30	Disc Plate	Bronze	B-16
24	Disc Nut (2 req'd)	Bronze	B-16
	Disc Bolt Bushing	Sint. Bronze	+

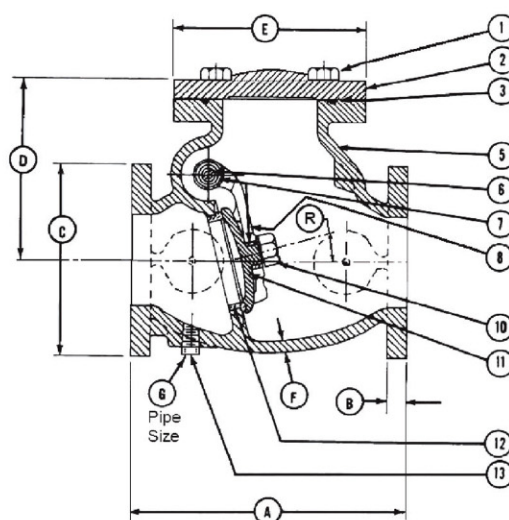
+ Cannot be ordered separately.

Fig. 1126A Rubber Faced Disc Sizes 4" and 12"

20	Disc Holder	Malleable Iron	A-47
21	Disc	B-12 Nitrile (Buna N) Rubber	
22	Disc Plate	Bronze	B-62
23	Disc Bolt	Bronze	B-16
24	Disc Nut (1 req'd)	Bronze	B-16
25	"O" Rings	Buna "N"	
	Disc Bolt Bushing	Sint. Bronze	+

+ Cannot be ordered separately, only with hinge.

FIG. 1126 - FIG. 1126A
Flanged Ends



Common Parts, Dimensions and Fig. 1126 2.5" & 3" Internal Components

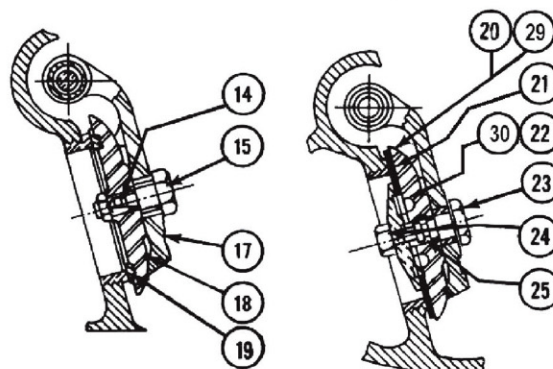


FIG. 1126
Internal Components
Bronze Faced Disc
4" through 12"

FIG. 1126A
Internal Components
Rubber Faced Disc

SIZE INCHES	SIZE MM	A	B	C	D	E	F	R	Weight KG
2½"	65	254	17	178	164	178	11	254	24
3"	80	260	19	191	168	191	11	203	28
4"	100	330	24	227	214	229	13	203	52
6"	150	406	25	279	257	279	16	305	88
8"	200	483	26	343	302	343	19	381	145
10"	250	559	30	406	338	426	30	381	216
12"	300	660	32	483	395	483	22	381	309

All dimensions in MM
Drain Plug (G) is ¾" NPT

Remarks: It is recommended to install the check valves at 5 to 10 times pipe diameters away from any flow disturbance obstructions like elbows, reducers, valves, pumps etc.. to avoid any problems associated with valve chattering.

The specifications and material grades shown are subject to revision without notice based on our product improvement programme.



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*Kennedy Valve USA is a division of McWane Inc.

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