



KENNEDY VALVE

FIRE PROTECTION PRODUCTS

CERTIFICATIONS

ISO 9001

ISO 14001

BS OHSAS 18001

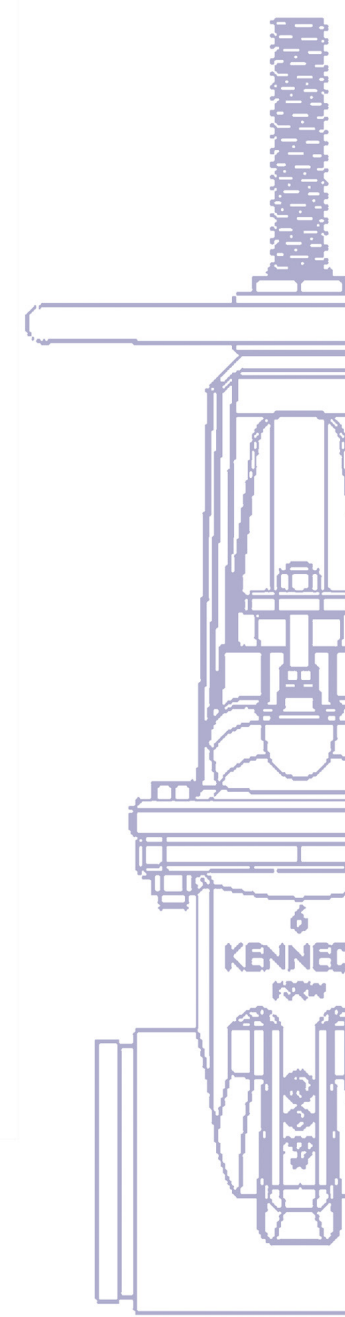
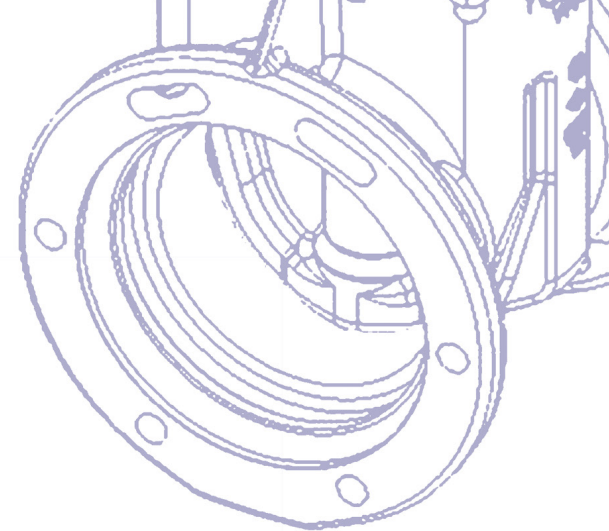


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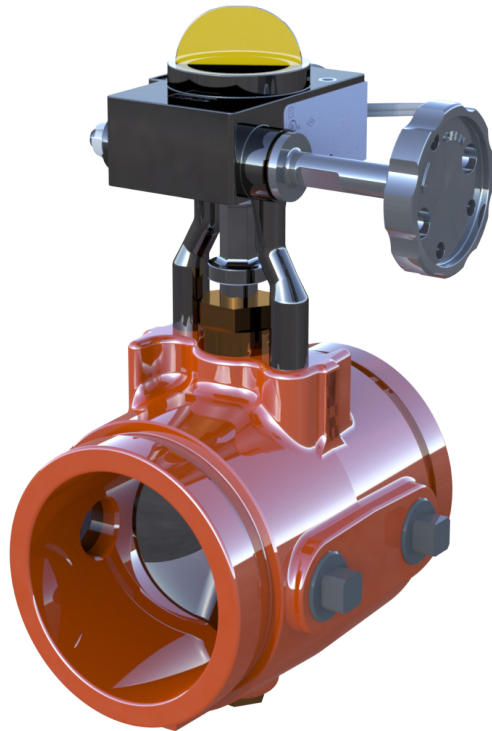


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Designed for years of trouble free reliability, Kennedy UL-FM butterfly valves are constructed of durable ductile iron for a lightweight superior product. We utilize stainless steel upper and lower shafts as well as EPDM encapsulated discs. Our fusion bonded coated bodies offer a superior long-lasting coating. The valves are slow operating with low torque leading to excellent high cycle life. Our butterfly valves are always rated to 300psi and all are fully hydrostatically tested before they leave Elmira, NY.



GROOVED BUTTERFLY VALVES

STANDARD BODY*

- G300 - 2-1/2" - 6" (*Normally Closed also available*)
- 01G - 8"

Extended Body BFV

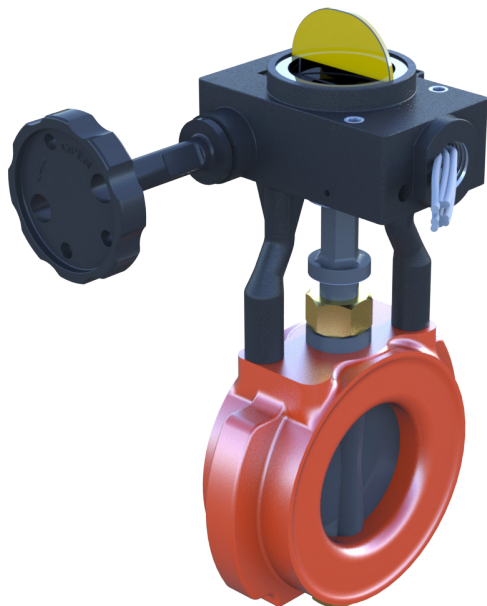
- G300E 2 1/2" - 6"
- 02G - 8"
- USC Approved and NSF Certified with EPDM Disc

Working Pressure

- UL/FM 300 PSI

Features

- Outdoor Rated
- Lightweight
- Standard IPS Grooves



WAFER BUTTERFLY VALVES

- W300 - 2-1/2" - 6" (*Normally Closed also available*)
- 01W - 8"

Working Pressure

- UL/FM 300 PSI

Features

- Outdoor Rated
- Integral Gearbox (2-1/2" - 6")
- Lightweight
- Short Lay Length
- Does NOT require washer for installation with grooved flange adapter.

* Fire Protection product is not NSF Certified. For acquiring NSF 61 or USC approved valves, contact KV Sales Dept.

Kennedy Hydrants are designed for performance, serviceability and outstanding longevity. Here's why experienced pros insist on the Kennedy's advantages:

Intelligently Engineered for Longer Life & Fewer Wear Parts

Backed by over 100 years of hydrant design know-how, the K81-D has been carefully engineered for rugged durability and longer life. Extra seals to protect against corrosion. Reinforced rubber main valve and rugged drain valve assembly. Positive stop prevents unintentional damage from over torquing during opening.

Easiest to Maintain & Service

Fewer parts to disassemble and reassemble. Lubricated with grease instead of liquid oil; lubricant stays where it's needed and doesn't evaporate away or make a mess. Dove tail machining provides captive o-rings and breaker coupling spring loaded pins prevent lost parts. No special tools are needed to remove / clean valve seat or remove drain valve. Higbee cut starter threads prevent cross-threading when reassembling valve into elbow. Quarter turn hose nozzles are positively retained and can be easily removed for maintenance.

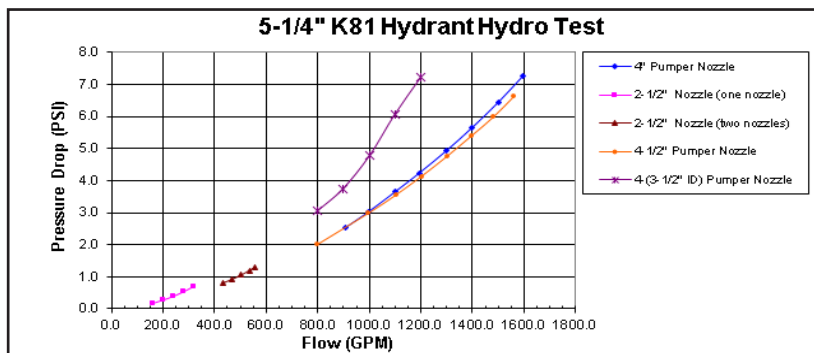
Backward-Compatible Design = One Set of Replacement Parts

Whether it's a new unit or one that's an original K81 interchangeability means just one set of parts repairs them all. This simplifies training, maintenance, and inventories, resulting in fewer recommended wear parts to stock.

Fast, Easy Collision Restoration

Designed for a clean break. The U-slotted lower barrel upper flange allow bolts to escape without damage to flange. Breaker rings on-top for easy visual inspection and replacement. Quick, economical repairs with standard collision kit. Extension kits also install fast and easy.

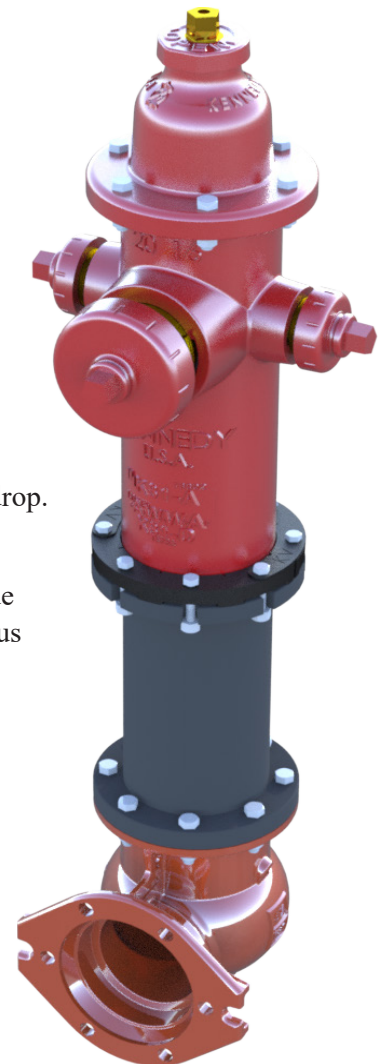
FLOW ANALYSIS

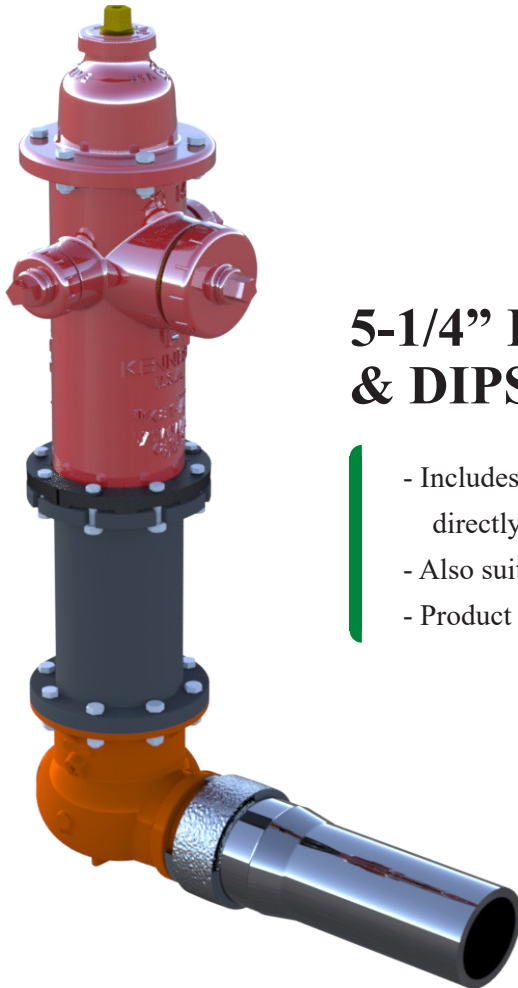


| No. of Outlet Nozzles | Nominal Dia of Outlet Nozzles (in.) | Total Flow From Nozzles (gpm) | AWWA C502 CV Req. | AWWA C502 KV (Metric) Req. | Kennedy Valve CV | Kennedy Valve KV |
|-----------------------|-------------------------------------|-------------------------------|-------------------|----------------------------|------------------|------------------|
| 1 | 2-1/2" | 250 | 250 | 216 | 379 | 327 |
| 2 | 2-1/2" | 500 | 354 | 306 | 488 | 422 |
| 1 | 4" (3-1/2" id) | 1000 | 447 | 386 | 455 | 393 |
| 1 | 4" (3-1/2" id) | 1500 | 416 | 359 | 450 | 389 |
| 1 | 4" | 1000 | 447 | 386 | 583 | 504 |
| 1 | 4" | 1500 | 416 | 386 | 580 | 501 |
| 1 | 4-1/2" | 1500 | 447 | 359 | 602 | 520 |
| 1 | 4-1/2" | 1000 | 416 | 386 | 600 | 518 |

Superior flow with minimal pressure drop.

Multiple nozzle connections provide cities with numerous options.



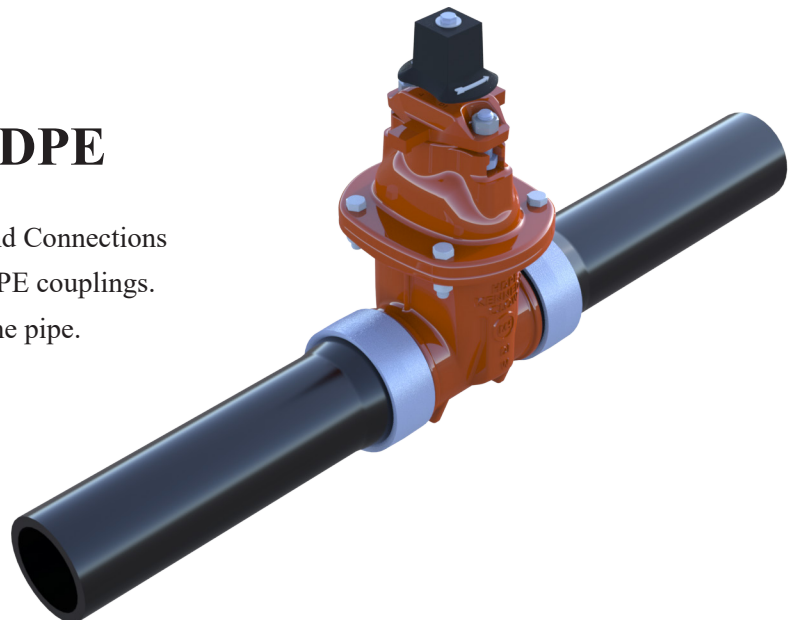


5-1/4" K81 with 6" IPS & DIPS SDR-11 HDPE

- Includes all the features of the K81-D with the ability to directly fuse to the 6" HDPE.
- Also suitable for use with approved HDPE couplings.
- Product is rated to the performance of the pipe.

KS-RW with IPS & DIPS SDR 9 & 11 HDPE

- Available in 2-1/2" - 12" with HDPE End Connections
- Also suitable for use with approved HDPE couplings.
- Product is rated to the performance of the pipe.



Kennedy Valve revolutionized the gate valve market in the early 1980's by offering the first resilient seated gate valve in the USA. Today Kennedy is still the industry leader in UL-FM gate valve design and performance with product rated up to 350 psi for UL-FM service requirements. All 12" and down Kennedy OS&Y's come standard with a machined groove to easily accommodate adding a supervisory switch to the product.

Resilient Wedge Gate Valve - C509

Kennedy Valve AWWA C509 Resilient Wedge Gate Valves meet or exceed the requirements of AWWA standard C509, UL-262/FM-1120/1130, ULC - Underwriters' of Canada, and NSF Certified.

Available in either non-rising stem (NRS) or outside screw & yoke (OS&Y). NRS style is available with post plate for adaptation with an indicator post. Handwheel with OS&Y is standard.

Working Pressure

200 PSI. ULFM

Hydrostatic Test Pressure

Shell, 500 PSI. Seat, 250 & 400 PSI.

C509 END CONNECTIONS & SIZE RANGE

KS-FULL WALL 200 PSI

| END CONNECTION | NRS |
|----------------|------------|
| Flanged | 2.5" - 12" |
| MJ x MJ | 3" - 12" |
| MJ x Flanged | 3" - 12" |
| MJ x Flng Tap | 4" - 12" |
| Tyton x Tyton | 4" - 12" |
| Tyton x Flng | 4" - 12" |
| PVC w/ Gaskets | 2.5" - 8" |
| Threaded | 2.5" - 3" |

* 3"-12" NRS Available with Post Indicator Plates

KS-FULL WALL 200 PSI

| END CONNECTION | OS&Y |
|----------------|----------|
| Flanged | 2" - 12" |
| Threaded | 2" - 3" |



FLG x FLG NRS with Post Plate shown

Resilient Wedge Gate Valve - C515

Kennedy Valve AWWA C515 Resilient Wedge Gate Valves meet or exceed the requirements of AWWA standard C515, UL-262/FM-1120/1130, ULC - Underwriters' of Canada, and NSF Certified.

Available in either non-rising stem (NRS) or outside screw & yoke (OS&Y). NRS style is available with post plate for adaptation with an indicator post. Handwheel for OS&Y is standard.

Accessories

- KVOS OS&Y Monitor Switch
- Indicator Posts
- "T" Handles
- Stem Guides
- 2" Sq. Operating Nuts
- Floorstands (NRS)
- Handwheels
- Extension Stems
- Chain Wheels

Working Pressure

UL/FM (see chart)

Hydrostatic Test Pressure

Shell, 500 PSI. (2"-24")

Seat Test Pressure

Seat, 250 & 400 PSI. (2"-24")



FLG x GRV OS&Y shown

C515 2"-12" END CONNECTIONS & SIZE RANGE

KS-Reduced Wall 200 PSI (UL/FM)

| END CONNECTION | NRS |
|------------------|-----------|
| FLG | 4" - 12" |
| MJ x MJ | 4" - 12" |
| MJ x FLG | 4" - 12" |
| MJ x FLG Tap | 4" - 12" |
| Tyton x Tyton | 4" - 12" |
| Tyton x FLG | 4" - 12" |
| FLG x GRV | 2.5" - 8" |
| GRV x GRV | 2.5" - 8" |
| PVC with Gaskets | 6" - 8" |

3" and up NRS Available with Post Indicator Plates

KS-Reduced Wall 200 PSI (UL/FM)

| END CONNECTION | OS&Y |
|----------------|-----------|
| FLG | 4" - 12" |
| FLG x GRV | 2.5" - 8" |
| GRV x GRV | 2.5" - 8" |

C515 14"-24" END CONNECTIONS & SIZE RANGE

KS-Reduced Wall 200 / 250 PSI (UL/FM)

| END CONNECTION | NRS | PSI |
|----------------|-----------|-----|
| FLG | 14" - 16" | 250 |
| MJ x MJ | 14" - 16" | 250 |
| MJ x FLG | 14" - 16" | 250 |
| MJ x FLG Tap | 14" - 16" | 250 |
| Tyton x Tyton | 14" - 16" | 250 |
| FLG | 18" - 24" | 200 |
| MJ x MJ | 18" - 24" | 200 |
| MJ x FLG | 18" - 24" | 200 |
| MJ x FLG Tap | 18" - 24" | 200 |
| Tyton x Tyton | 18" & 20" | 200 |

NRS Available with Post Indicator Plates

KS-Reduced Wall 200 / 250 PSI (UL/FM)

| END CONNECTION | OS&Y | PSI |
|----------------|-----------|-----|
| FLG | 14" - 16" | 250 |
| FLG | 18" - 24" | 200 |

KVOS-OS&Y Monitor Switch optional.

High Pressure Resilient Wedge Gate Valve

Kennedy Valve AWWA C515 Resilient Wedge Gate Valves meet or exceed the requirements of AWWA standard C515, UL-262/FM-1120/1130, ULC - Underwriters' of Canada, and NSF Listed.

Available in either non-rising stem (NRS) or outside screw & yoke (OS&Y). NRS style is available with post plate for adaptation with an indicator post. Handwheel is standard for OS&Y.

END CONNECTIONS & SIZE RANGE

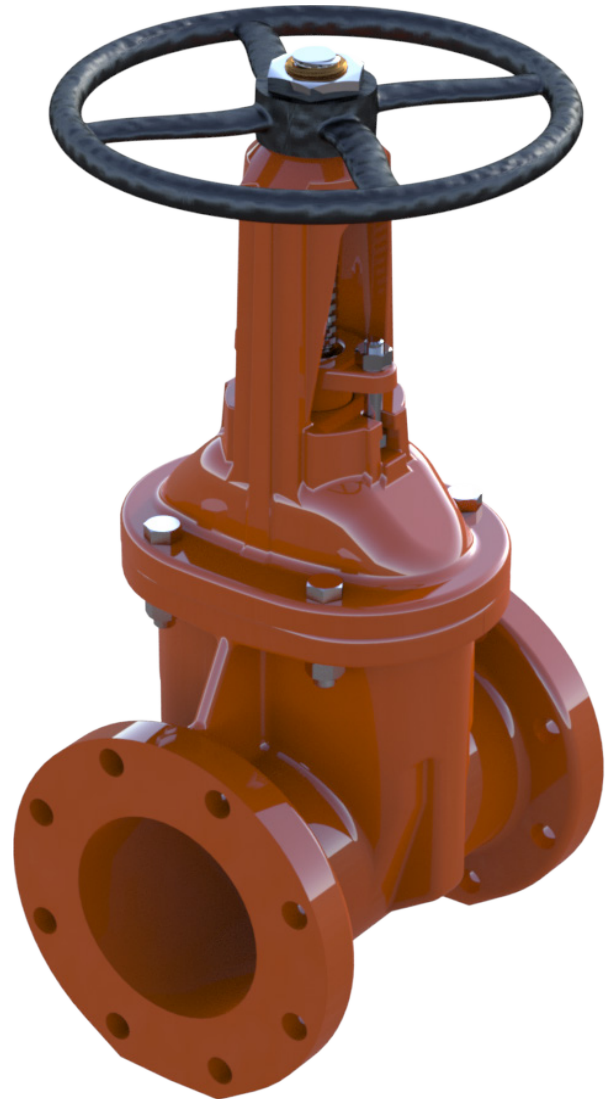
C515 KS-RWHP 350 PSI (DUCTILE)

| END CONNECTION | NRS | OS&Y |
|---------------------|----------|----------|
| Flanged (Class 125) | 4" - 12" | 3" - 12" |
| Flanged (Class 250) | 4" - 12" | 4" - 12" |
| GRV | 3" - 8" | 4" - 8" |
| FLG x GRV | 3" - 8" | 4" - 8" |
| MJ | 4" - 12" | |
| FLG x MJ | 4" - 12" | |
| MJ x Tap | 4" - 12" | |
| Tyton | 4" - 12" | |
| FLG x Tyton | 4" - 12" | |
| Tapped | 4" - 12" | |

C509 KS-FWHP 350 PSI (DUCTILE)

| END CONNECTION | NRS | OS&Y |
|---------------------|-----------|-----------|
| Flanged (Class 125) | 2.5" - 3" | 2.5" - 3" |
| Flanged (Class 250) | 2.5" - 3" | 2.5" - 3" |
| MJ | 3" | |
| Threaded | 2.5" - 3" | |
| PVC | 2.5" - 3" | |
| FLG x MJ | 3" | |

* 3" - 12" NRS Available with Post Indicator Plates



*High Pressure FLG x FLG OS&Y
with Handwheel is shown*

Double Disc Gate Valve

The Double Disc Gate Valve furnished by Kennedy Valve Company offers rugged construction, easy operation, long service life and economical maintenance. They are parallel seat valves meeting or exceeding all requirements AWWA Specifications C500 and conform to Federal Specifications WW-V-58b, Type II, Class I.

Ideal for applications where long life is desired or elastomer degradation has been experienced or is expected.

Accessories

- Floorstands (NRS & R.S.)
- By-Pass Valves
- 2" Sq. Operating Nuts
- Rollers Tracks & Scrapers for Side Laying
- Indicator Post Plates available

END CONNECTIONS & SIZE RANGE

UL Double Disc

| END CONNECTION | NRS / OS&Y |
|----------------------|--------------|
| FLG | 2-1/2" - 14" |
| MJ | 2-1/2" - 14" |
| Threaded | 2-1/2" - 12" |
| PVC | 2-1/2" - 12" |
| FLG x MJ | 2-1/2" - 12" |
| MJ x Tap | 2-1/2" - 12" |
| Hub | 2-1/2" - 12" |
| Caulk x Tap | 2-1/2" - 12" |
| FLG x Right-Tite Tap | 2-1/2" - 12" |

* 2-1/2" - 10" 200 PSI | 12", 14" 175 PSI

FM Double Disc

| END CONNECTION | NRS / OS&Y |
|----------------|--------------|
| FLG | 2-1/2" - 14" |
| MJ | 2-1/2" - 12" |
| FLG x MJ | 2-1/2" - 12" |
| PVC | 2-1/2" & 3" |
| Threaded | 2-1/2" & 3" |

* 2-1/2" - 12" 200 PSI | 14" 175 PSI



with Post Plate

Figure 806 UL/FM / ULC Approved Wafer Checks

Our 4, 6, and 8” wafer checks are industry leading designs that offer built in resilient seating performance for the installer. Each valve is manufactured with integral O-ring seals as part of its end condition. Flange gaskets are not required. If being installed with a groove flange adapter, a simple washer can be inserted to provide easy seating and installation. Spring loaded, the Kennedy wafer check can be installed easily in either the horizontal or vertical (anti-water hammer). This valve is an absolute must for limited space installs.

Working Pressure & Hydrostatic Test Pressure

- 300 PSI. Working Pressure
- Seat and shell, 600 PSI. Non-shock hydro-statically.

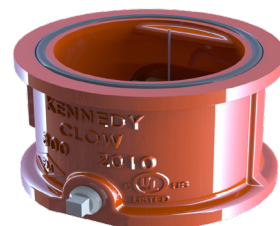


Figure 726 Grooved End Check Valves

The Kennedy figure 726 Grooved end swing check valve is a lightweight unit that is intended to be easily installed with approved grooved couplings. They may be installed either with the flow in a vertical orientation (flow up) or horizontally. All valves have a 1/2” NPT connection on the inlet side for installation of a 1/2” ball drip.

Sizes & Weight

- 2-1/2” - 15” lbs.
- 3” - 20 lbs.
- 4” - 25 lbs.
- 6” - 50 lbs.
- 8” - 60 lbs.

Working Pressure

- 300 PSI.

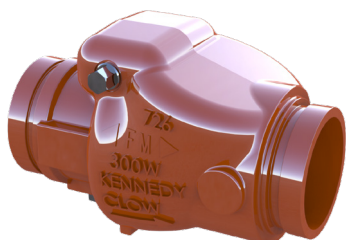


Figure 1126 (Metal Seated) & 1126A (Elastomer Seated) Check Valves

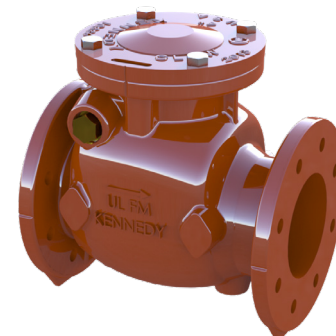
Kennedy UL/FM / ULC Check Valves can be installed in the horizontal or vertical orientation (flow up). The 1126 and 1126A are available tapped for easy installation of gauges at up to six locations. The disc design facilitates spinning and thus renewable seating performance during normal operation. Our modern cover design allows for simple inspection and service utilizing a tapped body, eliminating nut and bolt combinations seen on older products. We also use an O-ring system for modern and superior cover seating performance. Both our metal seated 1126 and the elastomer seated 1126A are fully hydrostatically tested for validation before shipping. Of course, both the I.D. and the O.D. are factory coated with fusion bonded epoxy for superior corrosion resistance. NYC MEA approved.

Working Pressure

- Cold water, non-shock
175 lbs. (2-1/2” - 12”)

Hydrostatic Test Pressure

- Seat and Shell, 350 PSI.
(2-1/2” - 12”)



Indicator Posts

Kennedy Valve's Indicator Posts provide the reliable way of operating a buried or inaccessible Gate Valve for opening and closing purposes. The Indicator Posts are available in various lengths to meet the various trench depths. These Indicator Posts come with an L shaped handle which can be fitted with a secure lock. The Indicator posts are available either in Fixed or Adjustable Length type design.

General Specifications

- Type: Post Indicator Telescopic Barrel
- Suitable for Gate Valve sizes 4" to 24" (DN100 - DN600)
- Approvals: UL 789 & FM 1110

Models

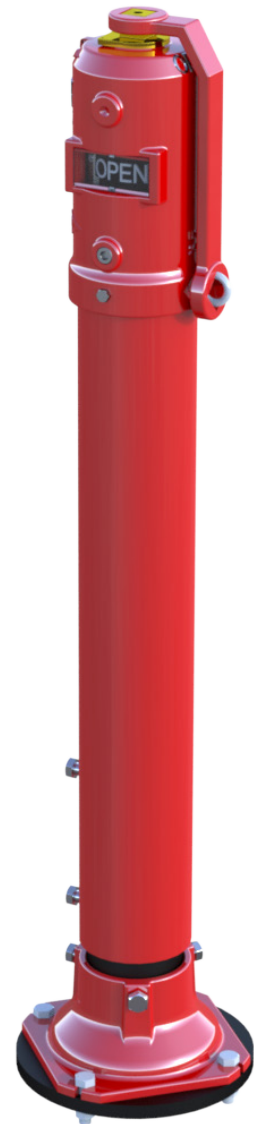
- 2945A: Adjustable type, available in B, C, D, and E sizes
- 2945: Fixed type, available in F, G, and H sizes
- 2945ALV: Adjustable Large Valve type, 18" to 24" valves, available in B, C, D, and E sizes, 72 turns.

Features

- Target nut to allow 9 to 45 turns (2945)
- Adjustable Indicator Plate (open / shut)
- Protected window to indicate the valve open or closed position)
- Tapped for supervisory switch)

Coating

- Telescopic Barrel: Fusion Bonded Epoxy
- Lower Barrel Black Bitumen



2945A



2945W

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For Generations

ULFM REV 3: JAN 2020