

IVP - 250

HYDRA-STOP®

IVP 250™

The IVP 250 from Hydra-Stop is a permanent, insertable gate valves offering increased strength, improved performance, and simplified installation and operation. Available in sizes 14-16 inches, the IVP 250 is a result of years of successful installations and dedicated research and development. The IVP 250 continues Hydra-Stop's legacy of setting the industry standard for insertion valves.

The Hydra-Stop Difference - It's Inside!

Hydra-Stop's IVP 250 was designed in response to feedback from Hydra-Stop equipment owners and service providers and their requests for a higher pressure gate valve available for larger diameter pipes.

Design features of the IVP 250 include: a 2" diameter stainless valve stem for superior strength and reliability; interchangeable valve cartridge to accommodate most types of pipe; a double o-ring seal; true "wedge" style gate design; valve gate seal; thrust washers; paddle shields; and loose stem nut design for simplified operation and superior performance in severe conditions. The IVP 250 is rated to 250 psi working pressure and up to 375 psi test pressure. American Iron and Steel (AIS) compliant versions are also available.

The IVP 250 provides users the opportunity to save 44% each time a valve is installed versus a water system shutdown. Costs such as backflow issues, public communications, additional labor - are eliminated with the use of the IVP 250 insertion valve.

IVP 250 Features

IVP 250 provides:

- 250 psi working pressure / 375 psi test pressure
- Engineered gate/paddle assembly
- Machined gate housing
- New Paddle shield
- 2 inch Stainless Steel Valve Stem
- Stainless Steel Valve Body

IVP 250 eliminates:

- Boil orders
- Complicated planning
- Loss of fire protection
- Large street excavations and street patches
- Working in unsafe trenching and knee-high mud
- Reaming the pipe wall or completely severing the pipe
- Not having isolation zones in the event of contamination or emergency maintenance

IVP 250 Applications

- Potable water mains
- Wastewater force mains
- Industrial

The IVP 250 eliminates 100% of the costs associated with shutting down your system for maintenance or emergency repairs.



Insertable Gate Valves from Hydra-Stop require only one cut, no reaming, and cause no excessive pipe strength loss.

HYDRA-STOP®
SOLUTIONS FOR CONTROL

Frequently Asked Questions

1. What is IVP 250?

IVP 250 is a 250 psi rated permanent resilient seat gate valve that is installed onto the host pipe, under pressure, to add control points and isolation zones to your system.

2. How does IVP 250 seal?

The EPDM gate paddle is compressed, allowing for expansion of the rubber to seal on the inside diameter of the pipe. The gate seal seals onto the gate housing, lower gate housing o-ring and valve body to complete the seal.

3. Is the IVP 250 simple to install?

Yes, IVP 250 can be installed in as little as three to four hours. Simply install the valve body, make a line tap, and install the gate.

4. Can the IVP 250 gate be replaced?

Yes, by reversing the installation process you can simply install a new IVP gate if needed.

5. Does the IVP 250 work on all common types of pipe?

Yes, IVP 250 can be installed on all common types of pipes. (CI, DI, AC, PVC)

6. What if my application requires me to use a valve that needs to meet AWWA C-509-01 or C-515-01 standards?

AWWA does not have a standard for insertion valves. If your application requires you to use a valve that meets AWWA C-509 or AWWA C-515 you can simply use a line stop to cut-in the AWWA approved valve of your choice. The IVP 250 is the functional equivalent of an AWWA standard gate valve.

7. In which sizes is the IVP 250 available?

The IVP 250 is available in two sizes - 14 and 16 inch. The IVP 250 provides a means to install a permanent valve onto a water main with no interruption of flow through the pipe and no reduction of line pressure (up to 250 psi). The insertion of an IVP 250 is accomplished through a single circular hole cut (under full line pressure) into the top of the pipe with no reaming. The IVP 250 permanently remains in the pipe and operates in the same manner as any gate valve.



IVP 250 Specifications

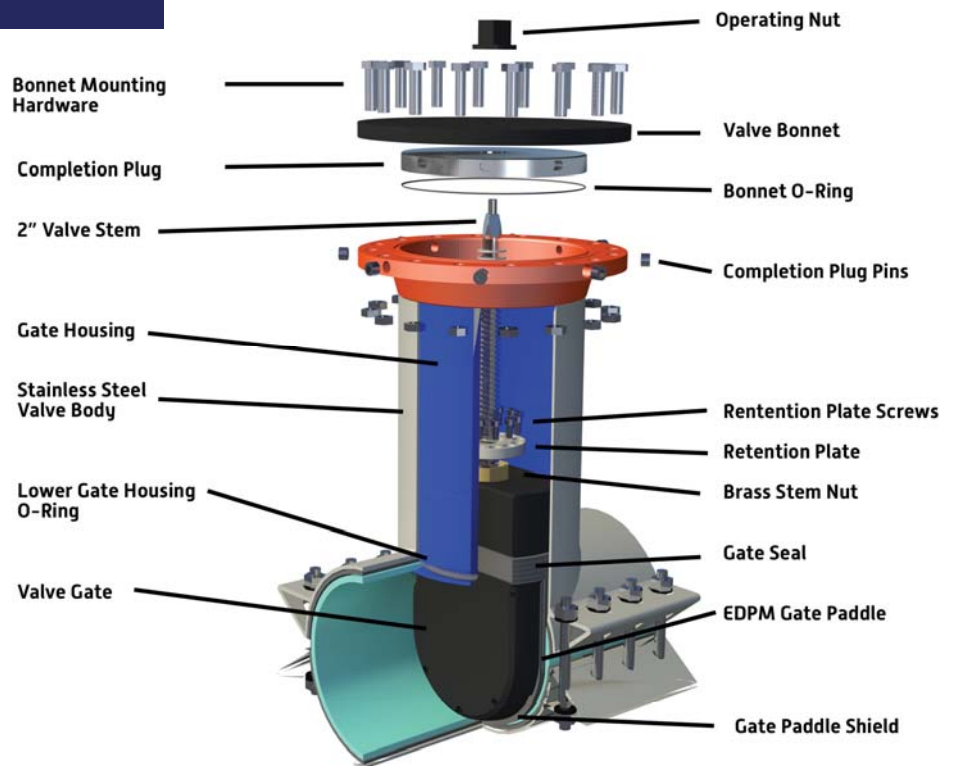
IVP 250 can be installed using Hydra-Stop's 16" valve insertion equipment. The IVP 250 meets or exceeds industry standards and provides years of trouble-free service.

The Hydra-Stop IVP 250 includes:

1. Standard operating nut
2. Standard 3 turns per inch operation
3. Valve body made of 304 stainless steel
4. Valve gate seals made of EPDM rubber
5. Valve stem made of 304 stainless steel.

IVP 250 can be used on:

- Cast iron
- Ductile iron
- Asbestos cement
- PVC



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Prices and Specifications subject to change without notice.