

# IPEX VXE TRUE UNION BALL VALVES

## NEW PRODUCT SHOWCASE



The IPEX EasyFit large diameter VXE Series True Union Ball Valves represents the latest innovation in manufacturing technology. The VXE Series replaces the well received VX Series with new and cutting edge features and is designed for industrial, general purpose and O.E.M. applications. This valve features an ultra-compact double block design, and full port bi-directional operation up to 4". The true union design allows the valve to be easily removed from the piping system and be fully serviced. A threaded seat stop carrier provides improved seal integrity under tough service conditions. The EasyFit multifunction handle includes the EasyFit labeling system and doubles as a tool for ball seat adjustment, and for tightening union nuts precisely.

VXE ball valves are part of our complete system of IPEX pipe, valves, and fittings, engineered and manufactured to our strict quality, performance, and dimensional standards.

### VALVE AVAILABILITY

Body Material  
Size Range  
Pressure  
Seats  
Seals  
End Connections

### VXE

PVC, CPVC  
2-1/2" through 4", 6" venturied  
232 psi  
Telfon® (PTFE)  
EPDM or Fluoropolymer (FPM)  
Socket (IPS),  
Threaded (FNPT)

### APPLICATIONS

Water treatment  
Plant water supply and distribution  
Wash-water and recovery systems  
Swimming pools  
Aquariums  
Irrigation  
Acid Products Handling  
for Refineries, Metal Works, etc.  
Deionized Water  
Alum and Ferric Chloride Handling  
Chlorine Injection Systems  
Bleach, Dye and Acid Lines  
Pulp and Chemical Recovery Systems

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NEW  
FEATURE

### TRANSPARENT PLUG WITH TAG HOLDER

The EasyFit VXE Handle contains a transparent PVC plug and tag holder with an IPEX logo that can be used with the EasyFit Labelling system.



NEW  
FEATURE

### EASYFIT CUSTOM LABELLING SYSTEM

The EasyFit Custom Labelling System is a complete product line created to customize individual EasyFit valves. This can be used to identify chemical service, tag number or pipeline contents.



NEW  
FEATURE

### HIGH FINISHING STEM & FLOATING BALL

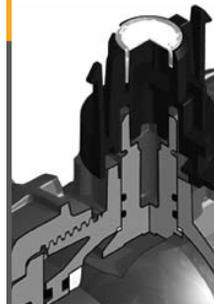
The VXE EasyFit valve stem and ball are fully machined after molding by automatic CNC tool machines, achieving high surface finishing, removing surface imperfections and giving accurate dimensional tolerances. A PTFE anti-friction ring is located at the base of the system to minimize friction and reduce operating torque by up to 25% compared to the previous VX model.



PTFE  
Anti-Friction  
Ring

### SAFE BLOCKED CARRIER

The VXE EasyFit ball valve is equipped with a safe blocked and adjustable ball seat carrier. During maintenance in depressurized pipelines, it is possible to unscrew one single union nut and disconnect the downstream or the upstream pipe end from the valve body with the valve in closed position, without fluid leakage.



### TRUE UNION INSTALLATION

The VXE is the most compact true union ball valve in the industry.



### EASYFIT MULTIFUNCTIONAL HANDLE



The new VXE EasyFit multifunction handle is designed for advanced service functions. The compact design handle provides very good maneuverability and is the best solution to carry out maintenance operations in restricted spaces.



### OPTIMIZED HANDLE CONNECTION



The new PVC hub allows for a perfect coupling between valve and handle as well as a quick and easy release. The hub is also equipped with a locking mechanism that prevents unwanted cycling by using a padlock.



### BALL SEAT CARRIER ADJUSTMENT

The VXE EasyFit handle is provided with molded inserts that allow the user to dismount, install or adjust the ball seat carrier into the valve body. There's no need for additional tools.



### EASYFIT UNION NUT GEAR TIGHTENING



The handle can be removed from the valve stem and converted into a wrench key using the tool insert housed inside the handle body. The tool is extremely rugged, light and ergonomic. The tool is designed to engage the external profile of the union nut eliminating the possibility of damaging them.



### VALVE BODY

The VXE EasyFit ball valve has been designed using finite element analysis (FEA) to optimize the design of models and reduce the weight up to 20% compared to the previous VX model for both PVC and Corzan® CPVC.



## EasyFit Union Nut Tool



**1** Release Handle from Hub



**2** Remove Handle



**3** Turn Handle Over



**4** Remove Wrench Key



**5** Flip Key and Re-Install into Handle



**6** Engage Wrench Key on Union Nut Groove to Tighten

