IPEX by aliaxis

BULLETIN

IPEX VXE True Union Ball Valves

The IPEX EasyFit VXE Series True Union Ball Valves represent the latest innovation in thermoplastic ball valve manufacturing technology. Developed in collaboration with Giugiaro Design, 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. The true union design allows the valve to be easily removed from the piping system and fully serviced. A threaded seat stop carrier provides improved seal integrity under tough service conditions while the EasyFit multifunction handle 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.



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

Valve Availability

Body Material	PVC, CPVC
Size Range	2-1/2" through 2"
Pressure	232 psi
Seats	Telfon® (PTFE)
Seals	EPDM or Fluoropolymer (FPM)
End Connections	Socket (IPS), Threaded (FNPT)

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TRANSPARENT PLUG WITH TAG HOLDER

The module housed in the handle is made with a transparent PVC service plug and a white tag holder, IPEX branded on one side.



EASYFIT CUSTOM LABELLING SYSTEM

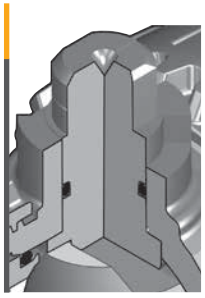
The VXE EasyFit optional Custom Labelling System is a complete product line created to customize individual EasyFit valves. This can be used to identify chemical service, tag number or pipeline contents.





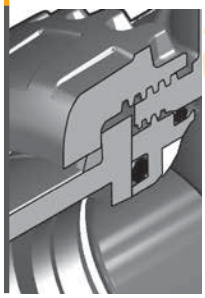
HIGH FINISHING STEM & FLOATING BALL

The VXE EasyFit ball valve is designed with a floating ball flow control system. The 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.



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 ACCORDING TO EB 1452 "SHORT"

Installation and overall dimensions are in accordance with the requirements of ISO 7508 "Series III" International Standards. This makes the VXE the most compact true union ball valve in the industry. It is also fully interchangeable with previous VX models.





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.



UNION NUT ROTATION CONTROL

The principle of the bevel gear has been applied to the design of the VXE EasyFit mechanism that controls the union nut rotation during valve installation. Overtightening of union nuts almost always leads to the premature failure of true union ball valves.



BALL SEAT CARRIER ADJUSTMENT

The VXE EastFit handle is also 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, turned upside down and repositioned on the stem after pulling out the service plug. Pawls of the nut gear are easily engaged and it is possible to tighten or un-tighten the union nut simply by rotating the handle.



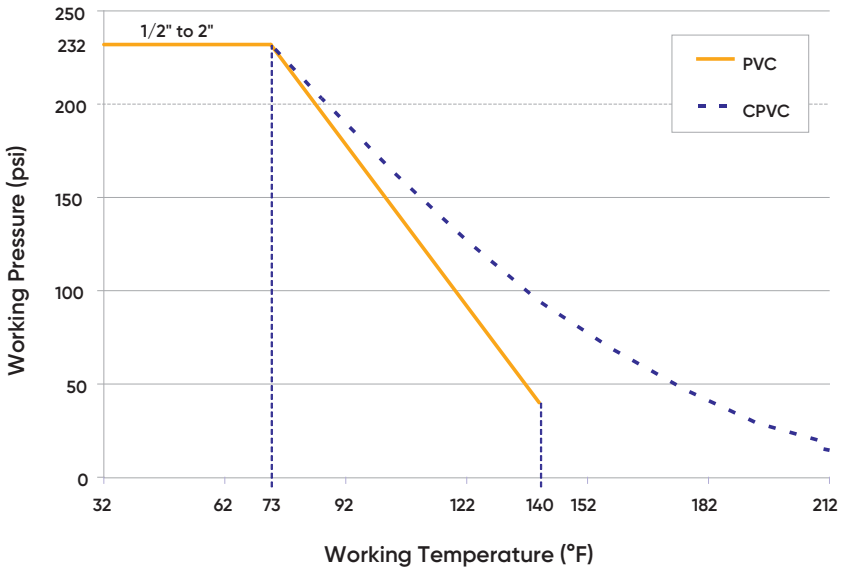
VALVE BODY

The VXE EasyFit ball valve has been designed using finite element analysis (FEA) and is available in both PVC and Corzan® CPVC resin.

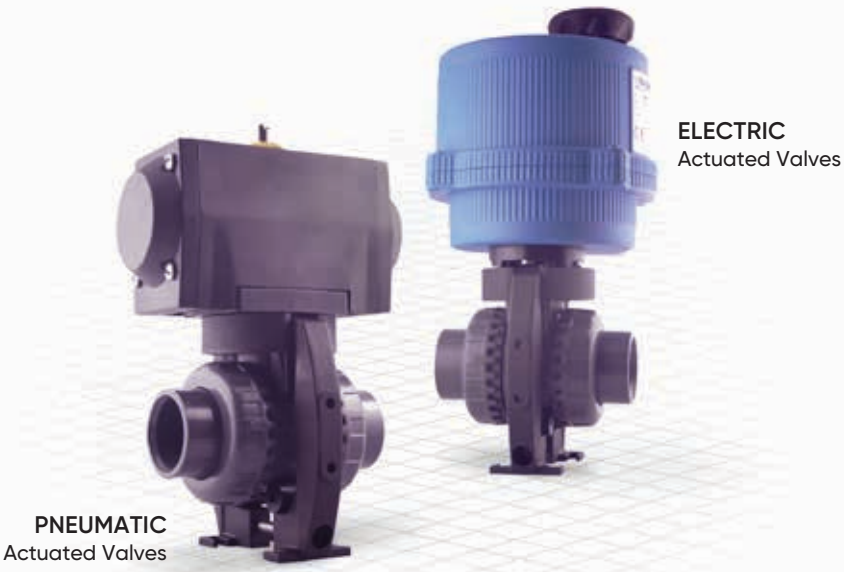
VXE

easyfit

Pressure & Temperature Ratings



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