



GF Piping Systems

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Type 578 Lug-style Butterfly Valve

Our Newest Addition Is Here



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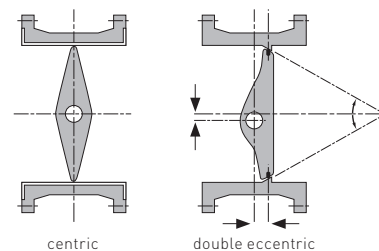
Our Newest Addition Is Here

Type 578 Lug-Style Butterfly Valve

The 578 Butterfly valve from Georg Fischer has all the innovative design aspects our butterfly valve line is known for but now available in a plastic lug style body. The new valve is ideal when end of line service is required. With the double eccentric valve principal, variety of wetted materials, and a comprehensive actuation package, it is the most versatile plastic butterfly valve on the market.

Double Eccentric Operating Principle

Unlike most traditional valves, our valve does not use a thick rubber boot for the disc and flange seal. The 578 valve has an off-center disc and shaft that disengages the disc from the body during operation. Since the disc is not in contact with the disc seal when opening and closing, there is significantly less wear on the valve parts.



Another result of the double-eccentric design is reduced torque. Over time, traditional boot-style valves have a tendency to become harder to operate which is troublesome for maintenance and operation personnel. The increased torque can also cause electric actuators to fail prematurely. Even when comparing new valves, our design requires approximately 50% less torque.

Wetted Materials

When choosing your valve, rest assured you will find a material suitable for most applications. The wetted materials that include the body and disc are available in PVC, CPVC, PVDF, PP and ABS. Standard seals are EPDM and FPM and others are available upon request.

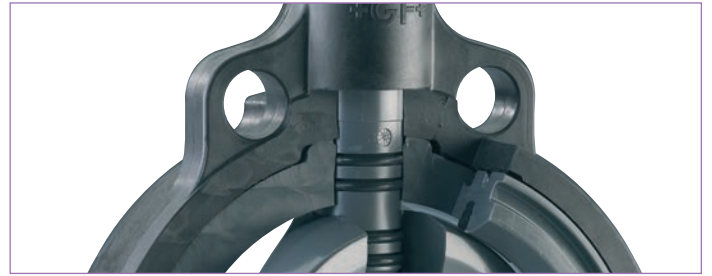
Applications:

- Commercial Aquariums
- Water Parks/ Swimming Pools
- Semiconductor
- Chemical Processing
- Laboratories
- Water Treatment
- Food and Beverage
- Mining
- Cooling/Heating HVAC
- Land Fills





The 578 valve is designed to hold full pressure on either side of the valve while only one flange is present. This means one side of the system can be shut down for maintenance or expansion without having to depressurize the other side.



The 316 Stainless steel shaft is truly non-wetted and has redundant O-rings that ride in precision bushing assembly providing the highest level of reliability.



There is a complete line of both electric and pneumatic actuation available for the 578 butterfly valve. In addition, accessories are available such as positioners, manual override, limit switches, pilot valves and handle extensions.



Remove the guessing and find the material that best matches your piping system.



The 316 stainless steel inserts are over molded and keyed to prevent the bolts from twisting or pulling out.



The non-wetted outer shell is a fully molded glass-filled PP, making it UV and chemically resistant, further protecting the piping system from the environment.



Traditional boot designs require higher torque, greater wear and have a tendency to swell.



The 578 valve is available from 2" to 12", the wafer version is available up to 24".

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