GF Piping Systems

Innovation – consistently thinking ahead

Butterfly Valve Type 578

GF Piping Systems introduces the latest generation of butterfly valves with a completely newly developed all-plastic housing for the lug-style butterfly valve type 578. The product line type 578 unites long life circle at concurrent of low torques and offers therefore an ideal combination of quality and durability.

Applications

In most applications of chemical industry, chemical trade, electro-plating and power plants the transported of media is extremely aggressive. What the valve is also good for.

Typical applications of the new butterfly valve type 578 are:

- Industrial water processing
- Water treatment
- Chemical process industry
- Seawater desalination
- Swimming pools
- Aquatic life - support / oceanarium
- Surface engineering

+ Benefits

Corrosion resistance

Through the use of fibre glass reinforced polypropylen as housing material, the weight could be reduced. This simplifies not only the installation of the valve but also saves the storage cost. A crucial benefit of the plastic housing is its high corrosion resistance. The valve can be used reliably in highly corrosive applications.

Stability and reliability

The butterfly valve can be used as wafer as well as lug-style. This is a significant benefit when piping installations, for example gradually expanded, but it should already be part of the pipeline under pressure.

Easy Maintenance

The system allows the exchange of individual system components at any time - quickly, easily and without much effort.

Technical details

Dimensions	DN50 to DN300 / 2“ to 12“	
Material	PVC-C, PVC-U, ABS, PP-H, PVDF	
Sealing material	EPDM, FPM	
Montage	Metric	
	piping systems	DIN / ISO
	Inch systems	ANSI / ASME

Long life time

Due to the lower actuation torque, the butterfly valve is firstly easier to operate and secondly smaller, cheaper actuators can be used. Since the actuation torque is strongly dependet on the internal pressure, type 578 is optimally designed for this area. The maximum nominal pressure is 10 bar on both sides at 20 °C. A further benefit is the long life time, since the valve is less exposed to wear and tear .

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