

Media Release

Schaffhausen

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Technical Knockout: GF Piping Systems' new all-plastic Butterfly Valve 565 beats metal in every round

GF Piping Systems launched its new Butterfly Valve 565 onto the market. The highly reliable, cost-effective, lightweight, all-plastic valve produced in Switzerland proves its clear superiority over metal valves in water treatment applications.

Round by round, the newcomer to GF Piping Systems' line-up of butterfly valves, the all-plastic Butterfly Valve 565, beats metal alternatives, not just in water treatment but in a wide range of other applications.

Butterfly Valve 565 is strong but lightweight, consisting of high-performance plastic components. It is applicable for up to 16 bars, and tough temperature ranges from -10°C to +80°C. The Valve 565 is 60% lighter than a comparable metal valve, so a single technician can safely and easily handle it during installation. The lightweight material also minimizes the energy consumed for transportation and installation. After installation, the reduced static weight's advantages can become even more significant, e.g., in marine water flow systems.

"The Butterfly Valve 565 is a complete solution for the water segment which solves all of the typical problems customers have been experiencing with metal valves," says Thomas Kuessner, Head of Product Management – Valves. "Thanks to its higher resistance against corrosion, longer service life, and more effective use of energy and resources during industrial production; our new Swiss-made valve provides a more cost-effective and sustainable solution for water treatment customers. Its quick and simple retrofit capability adds to the knockout arguments that will make our highly reliable and lightweight valve a winner in the market segment."

Designed to be quick and easy to install, Butterfly Valve 565 comes in the same installation length as metal valves (ISO 5752 Row 20), therefore avoiding costly modifications on the existing piping systems, a clear advantage over its metal opponent.

Metal butterfly valves suffer from wear – whether due to corrosion, contamination, or extended use – they are not as durable and need to be replaced. The resulting downtime leads to delays in operations, additional installation and purchasing costs, and the need to deploy an expert to install, check, and monitor the new metal valve.

The new release from GF Piping Systems is made from superior thermoplastics and built to last, with a longer lifespan in water flow applications and a greater contribution to a more sustainable world.

Find more knockout facts and references to the Butterfly Valve 565 here: www.gfps.com/565



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About GF Piping Systems

GF Piping Systems is the leading flow solutions provider worldwide, who enables the safe and sustainable transport of fluids. The company specializes in plastic piping systems and system solutions plus services in all project phases. GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Our production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2020, GF Piping Systems generated sales of CHF 1'708 billion and employed 6'893 people. GF Piping Systems is a division of Georg Fischer AG, which was founded in 1802, and is headquartered in Schaffhausen, Switzerland.

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