SYM Suction Strainer Without Check Valve



The **Guillemin Symétrique suction strainer without a check valve** is designed to secure a suction line when pumping from a reservoir, pond, cistern, or natural water source. It limits the entry of debris such as leaves, gravel, or floating objects to protect the pump and ensure a more consistent suction flow.

Available in **DN40 orDN65** sizes, it is intended for smaller-diameter suction lines where the installation requires compact equipment that is simple to install and easy to handle. This **non-check valve** version filters out impurities without providing a water seal.

Simple and robust, it integrates into pumping systems, technical tests, water top-off operations, or applications requiring effective protection of the suction line.

Key Features

- **SG connection**suitable for compatible suction lines.
- **Valve-less version**, designed for filtration without a water seal.
- **Protects the pump** against solid debris and floating particles.
- **Compact design**, ideal for installations with small diameters.
- **Quick and easy to use** in suction configurations.

Technical Specifications

	Suction strainer without check valve
	SG DN40 or SG DN65

Function	Filtration of debris during suction
Check valve	No
Primary Use	Protection of the pump and suction line
Specified standard	NF S 61-842

Intended use

- Suction of water from a pond, cistern, reservoir, or natural water source;
- protection of pumps against contaminants;
- Installation of suction lines with diameters of DN40 or DN65;
- pumping operations in outdoor, technical, or industrial settings;
- supplying water to a mobile or temporary system.

FAQ – SG DN40 Suction Strainer without Check Valve

What is a DN40 suction strainer used for?

A DN40 suction strainer filters debris from the water before it enters the suction line. It protects the pump from leaves, gravel, floating debris, or particles that could interfere with pumping.

What is the difference between a strainer with a check valve and one without?

A strainer with a check valve keeps water in the suction line to facilitate priming. A strainer without a check valve only filters out debris without retaining water in the pipe.

When should you choose an SG DN40 strainer without a check valve?

It is suitable when the system uses an **SG DN40** connection and keeping water in the line is not necessary because the pump has an easy-to-use priming system.

Is this strainer suitable for mobile installations?

Yes. Its compact DN40 size is well-suited for mobile, temporary, or small-diameter pumping setups where the goal is to quickly protect the suction line.