

Style SGFV

Basket Strainer

Carbon Steel (ASTM A 216, Grade WCB)

150 lb. & 300 lb. Flanged



Style SGFV-K



Style SGFV-F



Cast Carbon Steel Basket Strainer

APPLICATIONS

Steam, water, oil or gas where protection from foreign matter in a pipeline is required.

CONSTRUCTION

Style SGFV and SGFV-K strainers are constructed from rugged carbon steel castings and are machined to exacting specifications. These bodies have raised faced and drilled flanges that are in accordance with ASME B16.5. All flanges come standard with back-faced bolt holes.

FEATURES

Style SGFV and SGFV-K strainers feature a basket with an angular cutaway design to allow straight through flow and extremely low pressure loss. The Style SGFV has a bolted top cover flange for ease in basket removal. The Style SGFV-K is furnished with studs and knobs for easy cleaning. The Style SGFV gasket is spiral wound 304 stainless steel and is compressed between the body and cover (for maximum strength and durability) and designed for high pressure and high temperature service. The Style SGFV-K is furnished with a Buna-N gasket suitable for temperatures to 200°F. Style SGFV strainers have carbon steel hex head cap screws and are furnished standard with a tapped and plugged NPT drain connection.

BASKETS

Standard baskets are 304 stainless steel and are spot welded for maximum strength. Different size perforations and meshes are available in stainless steel, monel, and brass to meet specific media requirements. If media is not indicated, screens for *water* will be supplied.

CLEANING

Cleaning of the Style SGFV and SGFV-K strainers are accomplished by removing the cover and pulling out the basket. **Warning:** See Maintenance Instructions on page S6 of the Strainer Information Section for additional precautions and detailed information on servicing the strainer.

[Click Here](#)
For Your Free Quote

WORKING PRESSURES – NON SHOCK

NOM. RATING		MEDIA	2" to 12"	50 mm to 300 mm
150# R.F. & D. (FLANGE)	BOLTED COVER	STEAM	150 PSI @ 565°F	1035 KPa @ 296°C
		W.O.G.	285 PSI @ 100°F	1966 KPa @ 38°C
	KNOB TYPE COVER	W.O.G.	200 PSI @ 200°F	1379 KPa @ 93°C
NOM. RATING		MEDIA	2" to 12"	50 mm to 300 mm
300# R.F. & D. (FLANGE)	BOLTED COVER	STEAM	300 PSI @ 838°F	2069 KPa @ 448°C
		W.O.G.	740 PSI @ 100°F	5104 KPa @ 38°C