

the
genius
of
simplicity



Kates Stainless Steel Strainers

Kates stainless steel strainers are furnished with a machined seat which allows the screen to be self aligning and assures a perfect fit. All sizes come complete with a blow-off connection and an easily removable stainless steel screen.

Notes

Other perforation and screen materials available. Contact factory for certified prints (exact dimensions) when required.

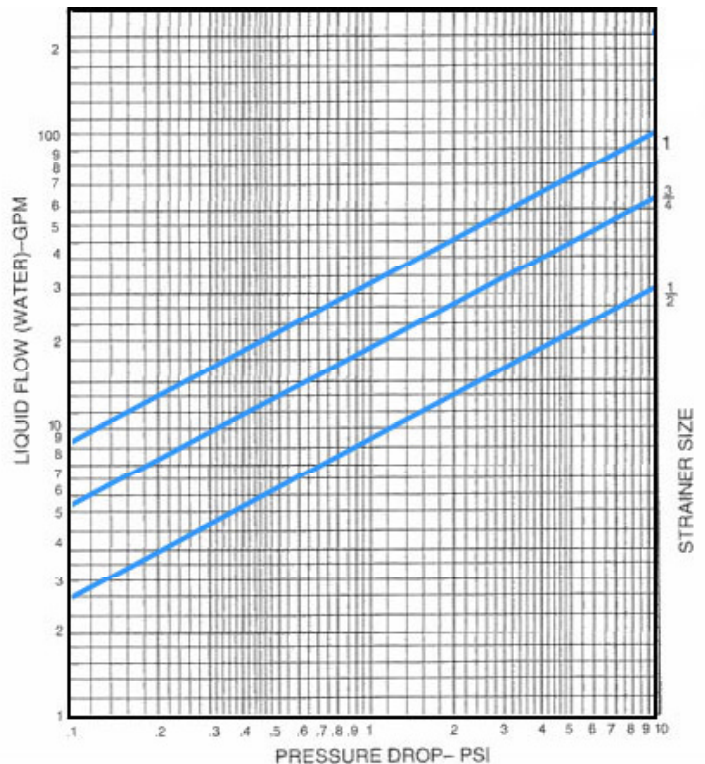
For higher temperature service, other gasket materials available on request

Specifications

- **Material:** Machined Strainers - 316 stainless steel
Cast Strainers - ASTM A351 Grade CF8M
- **Sizes:** 1/2", 3/4" and 1"
- **Screen:** 200 mesh
- **Max Pressure:** Steam - 600 psig at 450 F
Water, Oil Gas - 1480 psig at 450 F

For More Information

Call (248) 435-8225 or visit W.A. Kates Company on the Internet at www.wakates.com.



Recommended Protective Screens for Kates Flow Rate Controllers

For long lasting maintenance free operation, we recommend that a strainer or filter be installed immediately upstream of the Kates.

Obviously the recommendation of screen size is a matter of judgment compromising:

- a. Operability. Removal of all particles will insure continuous operation at all times.
- b. The tolerable interval between cleaning. Removal of all particles may require screen so fine that required cleaning may be too costly.
- c. Pressure drop allowable. The ability of the Kates Flow Rate Controller to control flow with varying pressure may sometimes be used to advantage here.

The screen sizes listed are recommendations resulting from service experience. Obviously we cannot make operating guarantees because of the variety of fluid characteristics and the infinite number of combinations of particle size and nature encountered in practice. To obtain satisfactory results with a Kates Flow Rate Controller, the particles must be nonabrasive, non-fibrous, and must not adhere or coat on the controller internal parts, nor have a tendency to settle out of solution.

Screen Rating

<u>Controller Size</u>	<u>Strainer/ Mesh</u>	<u>Filter/ Micron</u>
1/8", 1/4", 3/8", 1/2"	10 Micron Sintered	10
3/4", 1"	200	75
1-1/2", 2", 3"	150	100
4"	100	150