



SUCTION GUIDE

Series : SI - 1099

S.I. (Model No : SI-1099) Suction Guides are designed for bolting directly onto the suction flange of horizontal or vertical shaft centrifugal pumps. These are manufactured in a wide variety of required specifications, Temperature / Pressure Rating & different types to meet specific requirement of Straining application in the Water Line, Oil Field *etc.*

FEATURES

S.I. Suction Guides are designed to be a four-function fitting. Each Suction Guide is a 90° elbow, a Pipe Strainer and a Flow Stabilizer. It may also be used as a Reducing Elbow, should the suction piping be larger than the pump inlet.



PIC-SG-1

Four-function pump fitting :

• 90° Elbow

S.I. Suction Guide can be mounted on any pump suction turns the piping 90°, replacing an elbow. In addition, these Suction Guides can be rotated to any position allowed by the pump suction bolts, from vertical to horizontal.

• In-Line Strainer

The stainless steel strainer has free area of at least **250%** of pipe sectional area. A disposable fine mesh Stainless Steel Strainer is also installed for start-up cleaning.

• Reducing Elbow

The Suction Guide connects same size piping to the pump suction, but can also connect to inlet piping one size larger than the pump suction, eliminating a reducing elbow.

• Guide Vanes

Flow stabilizing vanes on the outlet allow the Suction Guide to bolt directly to the pump, saving the space and cost of a long straight pipe length.

CONSTRUCTION FEATURES

Suction Guide Body :

S.I. Suction Guide Body are available In Mild Steel / Stainless Steel Or Carbon Steel, with Table E or ANSI B-16.5 Flange End Connections. Same size ports are available with oversized inlet flange to eliminate reducer.