

## SUCTION GUIDE with Pall Rings



### FEATURES

- New technology for dirt removal
- Uses Pall rings instead of perforated sheet strainer
- Dirt removed by simply opening drain plugs
- Built-in flow straightener
- Compact size

### BENEFITS

- No need to open end flange and to remove strainer for cleaning
- Less time and effort required for cleaning
- Debris, lighter than water, which generally chokes the perforated strainer floats to the top and can easily be removed by opening top dead plug and draining the water.
- Low pressure drop
- Provides optimum flow condition at the pump inlet
- Improves pump efficiency
- Reduction in pipe work and number of pipe fittings like:
  - Long radius bend
  - Conventional strainer
  - Straight pipe at pump suction
  - Flanges, nuts, bolts and gaskets
- Minimizes space requirement
- Overall reduction in installation and operating cost

### TECHNICAL DATA

#### Material

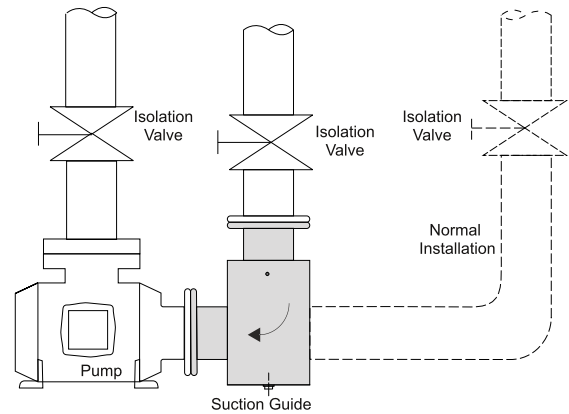
Body	:	Carbon Steel
Pall rings	:	SS
Guide vanes	:	MS
Max. operating pressure	:	16 Bar
Max. working temperature	:	110°C

## INSTALLATION

- Mount the Suction Guide directly on to the pump and ensure proper flow direction.
- Provide necessary support to prevent strain on the pump.

## CLEANING

- Switch-off the pump.
- Close inlet and outlet valves.
- Open the top dead plug and crack open inlet valve to facilitate removal of floating debris, lighter than water.
- Open the bottom dead plug to remove sludge and debris, heavier than water.
- Close the bottom dead plug.
- Close the inlet valve when water starts flowing out of top dead plug.
- Close the top dead plug.
- Open inlet and outlet valves.



## DIMENSIONS

MODEL	A	B	C	D	Weight (kgs.)
SGP- 80F	394	232	185	295	34
SGP-100F	420	246	185	295	36
SGP-125F	458	259	214	350	48
SGP-150F	500	275	239	401	61
SGP-200F	577	301	282	485	92
SGP-250F	660	322	315	543	121
SGP-300F	750	366	342	596	176
SGP-350F	825	401	412	717	248
SGP-400F	910	435	466	816	350

All dimensions are in mm  
Flanges to IS: 6392 - 1971

