

## Strainer Filter Housing

- Large filtration area for greater dirt holding capacity
- Quick opening cover available
- Low pressure drop
- Housing are permanently piped
- Covers are o-ring sealed
- Particle retention down to 23 micron size
- Easy to clean
- Various surface finish options for inside as well as outside available



Leistung's high capacity & low cost basket strainer housing effectively removes dirt, pipe scale & other contaminants from process liquids such as water chemical & petroleum products. They are constructed of outer body, filter element supported with perforated cage, positive sealing arrangement & choice of end connections.

Unfiltered liquid enters the housing outside the strainer and passes down through them. Solids are contained outside the strainer where they are easily and completely removed when the unit is serviced. A mechanical device with threaded center rod is provided to hold the strainer against a positive stop in the housing. It helps preventing bypassing of unfiltered liquid.

Strainer housings range from single strainer housing, multi strainer housing, Inline strainer housing, duplex strainer housing, back washable strainer housing and dual stage strainer housing.

### Single strainer housing:

Strainer elements are in cartridge design enabling reverse flow and easy back washing.

### Multi strainer housing:

- Wide range of flow capacities & contaminant holding capabilities.
- Housing having capacity from 2 to 16 strainers.

### Inline strainer housing:

Inline arrangement of inlet-outlet connections and specially designed strainer allows for installation of strainer housing directly in pipeline, eliminating requirement of any elbows.

### Duplex strainer Housing:

Unique design of placing a second strainer parallel to primary strainer to enable continuous use of either strainer when servicing of one of them is taking place.

### Back washable strainer housing:

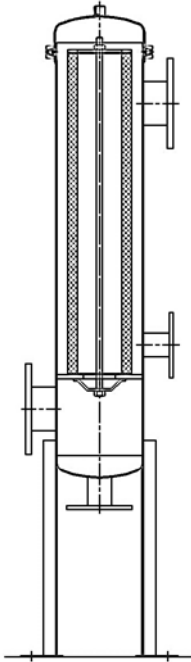
- Suitable for high speed flow, low viscosity fluid filtering.
- Facilitates cleaning of strainer without removing.

### Dual stage strainer housing:

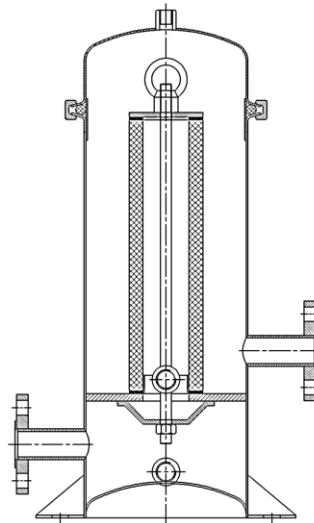
- Increase life of strainer housing & reduce serving needs.
- Placement of second strainer on the top flange of the regular strainer.

### Technical Data

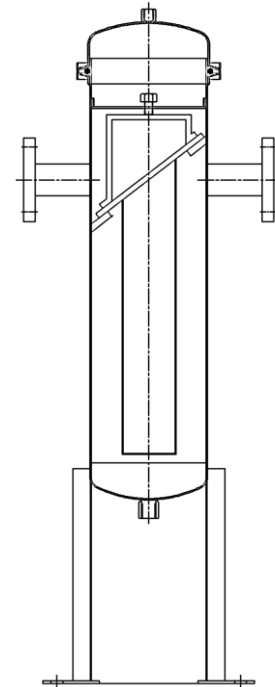
<b>Flow Rate</b>	Up to 500 m <sup>3</sup> /hr
<b>Design Code</b>	ASME section VIII Division 1 or Good Engineering Practice
<b>MOC</b>	CS, MS, SS – 304, 304L, 316, 316L, Duplex
<b>Pressure Rating</b>	1 – 5 bar, more on request
<b>Temperature Rating</b>	-25°C – +65°C, more on request
<b>Connection Size</b>	1" – 16"
<b>Connections</b>	Flange, V-Band (Hygienic) Clamp, Socket
<b>Vessel Closure</b>	V-Band (Hygienic) Clamped, Rathmann Clamped, Bolted
<b>Sealing material</b>	EPDM, Silicon
<b>Lifting Device</b>	Davit Arm, Lifting Lug, Lifting Handle
<b>Vessel Support</b>	Legs, Skirt
<b>Surface Finish</b>	Matt Finish, Mirror Finish, Paint
<b>Optional Finish</b>	Electro Polish, Rubber / FRP Lining
<b>Custom Design</b>	Available in customized design to accommodate specific requirements
<b>Accessories (Optional)</b>	Pressure Gauge, Vent Valve, Drain Valve, D.P. Gauge



Back washable strainer housing



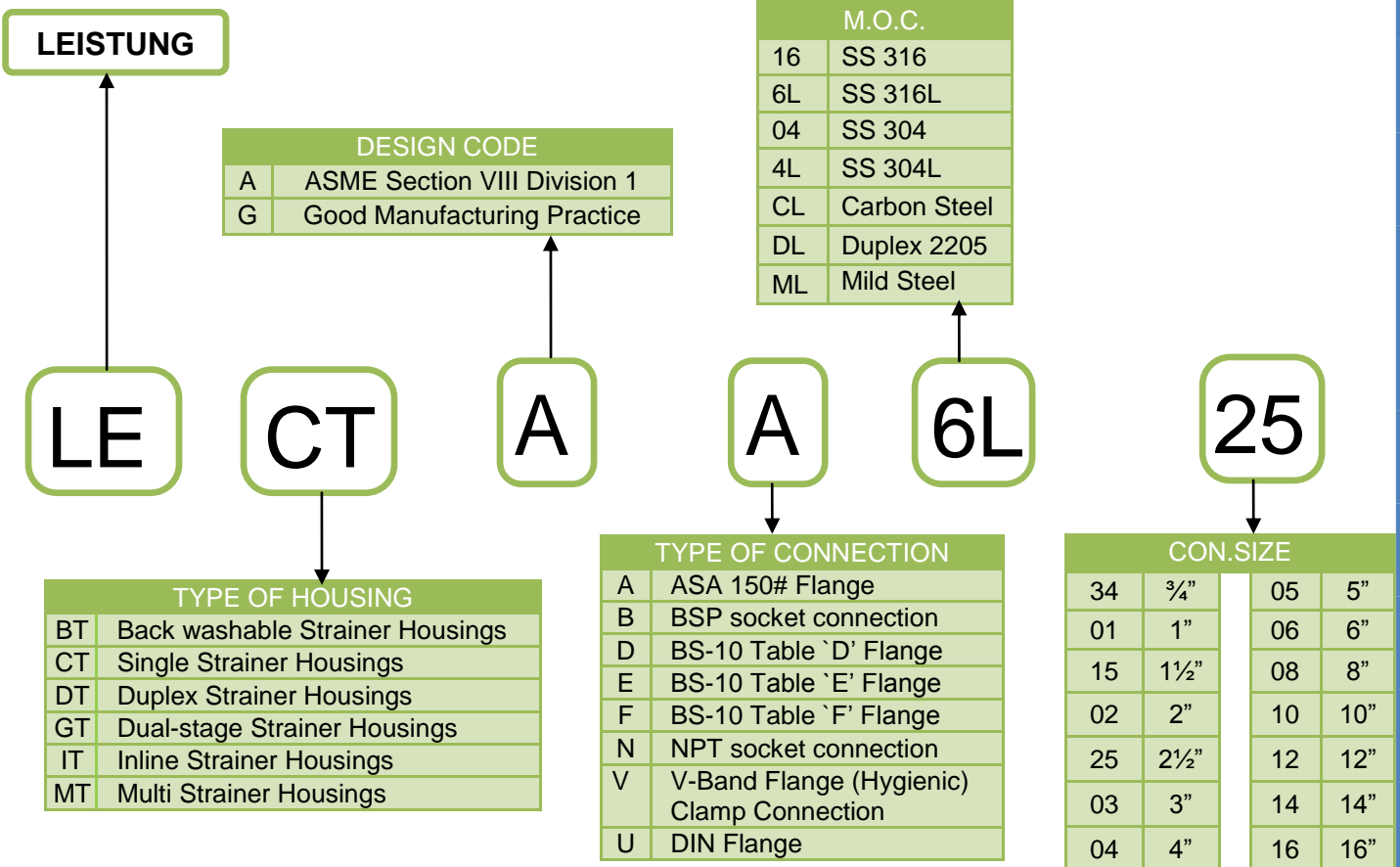
Single strainer housing



Inline strainer housing

### Ordering Chart

#### ORDER IDENTIFICATION NUMBER



In case of special application conditions, please e-mail at: [rnd@leistung.in](mailto:rnd@leistung.in)  
The technical specifications are subject to change without notice.