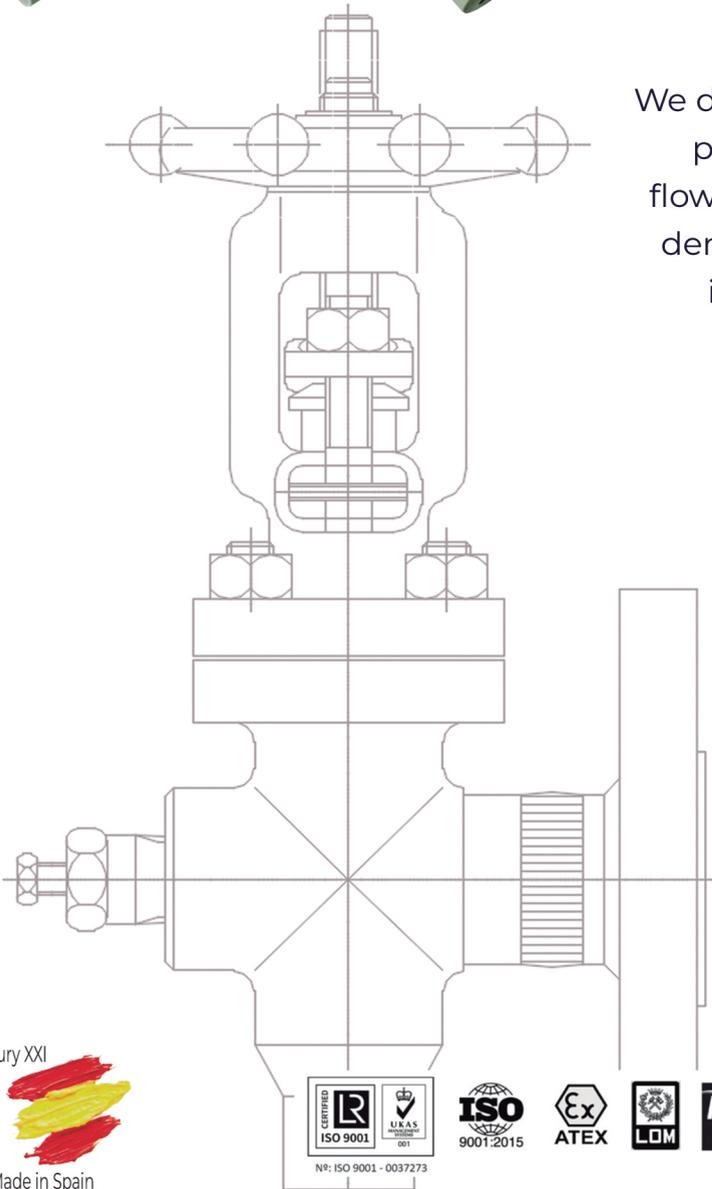




# ACCESSORIES

We design, calculate and manufacture all the primary elements for the measurement of flow and temperature that new technologies demand, as well as glass level and magnetic indicators for medium and high-pressure applications



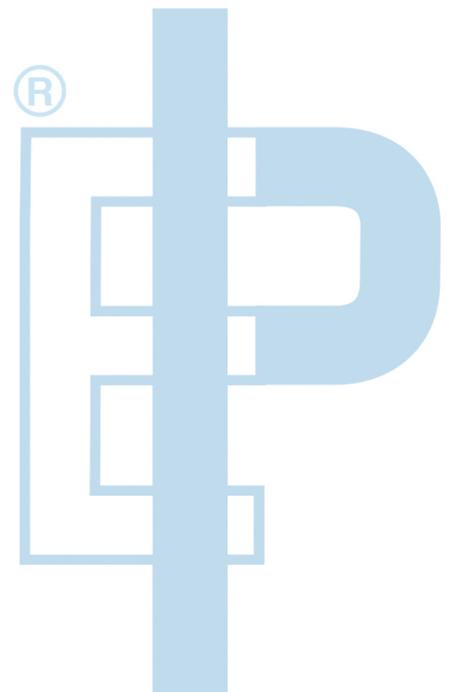
Century XXI



Made in Spain



Nº: ISO 9001 - 0037273



# ACCESSORIES

Carried out by means of additional devices that allow maintenance and inspection work to be carried out. To complement our manufacturing range, we have those devices and valves associated to carry out this interconnection, as well as accessories for the sampling systems.

## Content

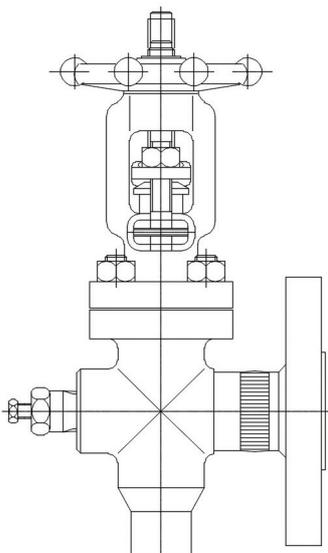
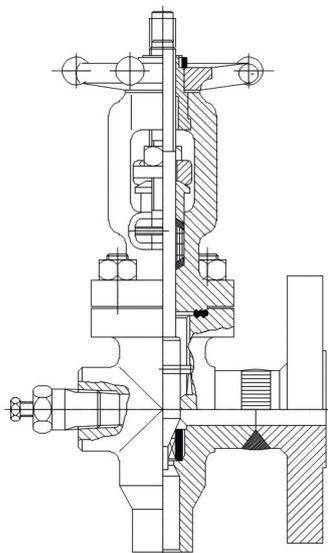
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# ACCESSORIES

## Needle Valve 2V-210 (Three Way)

**DESCRIPTION:** Instrument Valve of straight body, model 2V-210, for high pressure and temperature operations that require dial pressure gauges or other pressure indicator instruments.

This valve offers unique advantages and features: the forged body design provides alternative pipe or drain connection locations, allows remote connections, forged steel body and screwed yoke, standard rear seat stem, automatic stainless steel ball retention, horizontal or vertical ascending ball.



### APPLICATIONS

- Instrumentation piping systems.
- Visual level meters.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B16.10 ASME B16.34 ASME B16.37
- <b>Materials:</b>	ASTM A105 AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	1/2", 3/4", 1"
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	ANSI 1500
- <b>Maximum operating temperature:</b>	340°C

### OPTIONS

- Special joints.
- Process connection flange.
- Connection to female process.
- Connection to Socket process.
- O2 service.
- Trim stellited.
- Trim in special material.

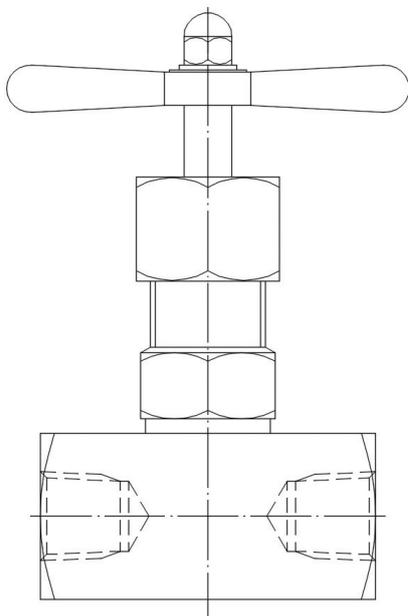


# ACCESSORIES

## Instrumentation Valve EI-1260

**DESCRIPTION:** Manual operated valve designed for a wide range of applications.

Body machined in solid bar with threaded bonnet. Economical and simple long-lasting manually operated valve with thread isolated from the process that prevents corrosion, and capable of withstanding high vibrations that minimizes both costs and maintenance operations.



### APPLICATIONS

- Instrumentation piping systems.
- Visual level meters.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B16.10 ASME B16.34 ASME B16.37
- <b>Materials:</b>	AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	1/4", 1/2", 3/4"
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	ANSI 1500
- <b>Maximum operating temperature:</b>	340°C

### OPTIONS

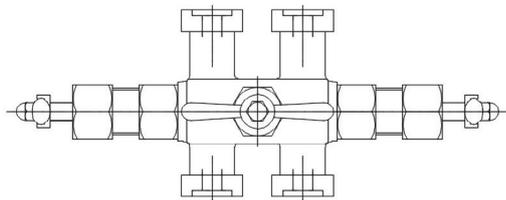
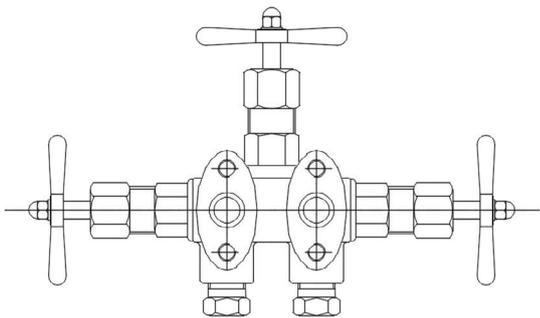
- Special joints.
- Process connection flange.
- Connection to female process.
- Connection to Socket process.
- O2 service.
- Trim stellited.
- Trim in special material.



# ACCESSORIES

## Manifold

**DESCRIPTION:** Manifold of forged body of 2,3 and 5 ways. The trend in the field of instrumentation is to employ smaller and smaller field instruments. As a consequence, it is necessary to use new accessories capable of facilitating and cheapening your installations. These accessories in their different configurations allow the connection or stopping the process and zeroing of the instrument as the main operations.



### APPLICATIONS

- Instrumentation piping systems.
- Connection of transmitters with primary element.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B16.34 ASME B16.37 MSS SP-80
- <b>Materials:</b>	ASTM A105 AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	1/4", 3/8", 1/2", 3/4"
- <b>Types of connections:</b>	NPT, Socket-welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	ANSI 3000 y 6000
- <b>Maximum operating temperature:</b>	340°C

### OPTIONS

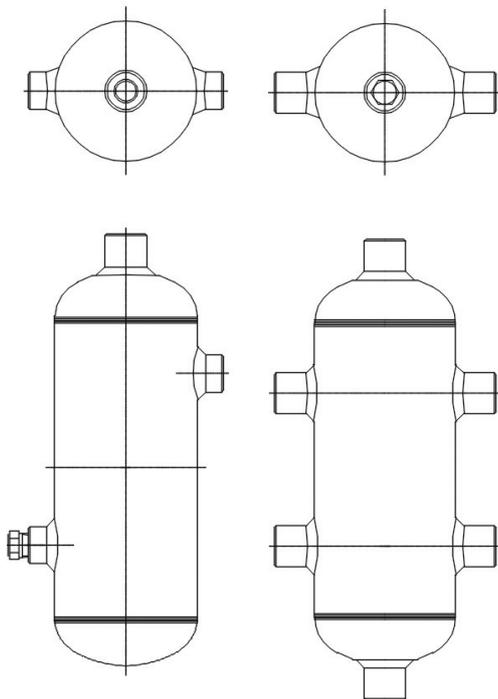
- Purge connections.
- Design for high temperatures.
- Stems with 1/2" joints for quick coupling.
- Special joints.
- Trim in special materials.
- O2 service.



# ACCESSORIES

## Condensate pots

**DESCRIPTION:** They are accessories used as part of the instrumentation in all those applications where direct contact between the sensor elements with the process is not recommended. They store deposits, condensations and other elements that could damage the instruments or impair their measurement accuracy. They also serve as reserves of sealing liquids in the measurement of high density or corrosive fluids.



### APPLICATIONS

- Instrumentation piping systems.
- Steam lines.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B36.10 ASME BPVC VIII ASME IX
- <b>Materials:</b>	ASTM A105 AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	According to dimensions and materials.
- <b>Maximum operating temperature:</b>	According to dimensions and materials.

### OPTIONS

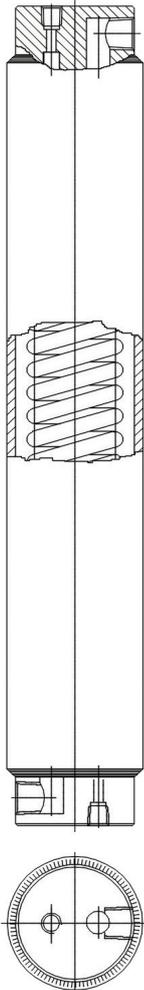
- Purge plugs.
- Specific connection,
- High temperature and pressure version.
- Nipples.
- Valves.



# ACCESSORIES

## Refrigerants

**DESCRIPTION:** Instrumentation accessory, is a countercurrent heat exchanger, whose main application is the cooling of samples of high temperature and high-pressure fluids, steam feed water, hot chemical solutions, for testing purposes at pressure and room temperature.



### APPLICATIONS

- Instrumentation systems.
- Sampling panels.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME BPVC VIII ASME IX
- <b>Materials:</b>	ASTM A105 AISI-316 (Other on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Other on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	ANSI 6000 coil
- <b>Maximum operating temperature:</b>	According to size and materials.

### OPTIONS

- Mounting fork.
- Mounting flange.
- Interior baffles.

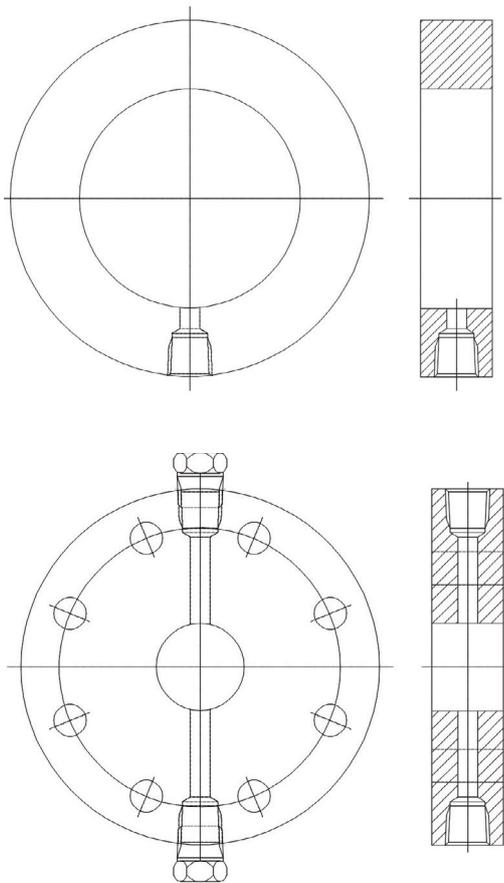


# ACCESSORIES

## Flushing Ring

**DESCRIPTION:** Accessories used as part of the instrumentation in all those applications where the elimination of condensations, corrosive liquids or gases is required to avoid losses in the instruments.

The drainage or purge holes allow the removal of residues, process fluids or cleaning of the area before they enter areas where they are not suitable or the formation of solids, without the need to disconnect the equipment from the line



### APPLICATIONS

- Instrumentation piping systems.
- Steam lines.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B16.5 ASME BPVC VIII API RP551
- <b>Materials:</b>	ASTM A105 AISI-316 (Other on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	NPT, Socket-welding (Other on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	According to dimensions and materials.
- <b>Maximum operating temperature:</b>	According to dimensions and materials.

### OPTIONS

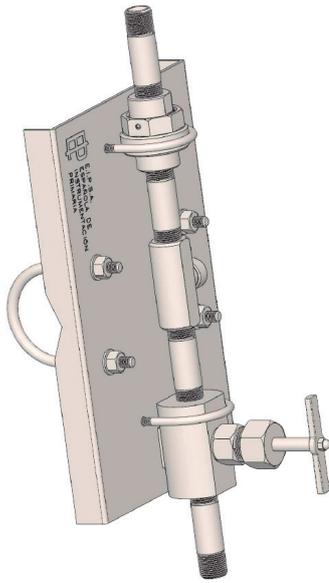
- Purge plugs.
- Specific connection.
- Together.
- Nipples.
- Valves.



# ACCESSORIES

## Instrumentation panels

**DESCRIPTION:** Accessory in which several auxiliary equipment are fixed, mainly intended for the collection of process samples in the field. Normally formed by screw restriction holes, valves, condensate pots and countercurrent refrigerants.



### APPLICATIONS

- Instrumentation piping systems.
- Analysis and sampling systems.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ISO 5167 ASME BPVC ASME B36.10 ASME B16.34
- <b>Materials:</b>	ASTM A105 AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	According to dimensions and materials.
- <b>Maximum operating temperature:</b>	According to dimensions and materials.

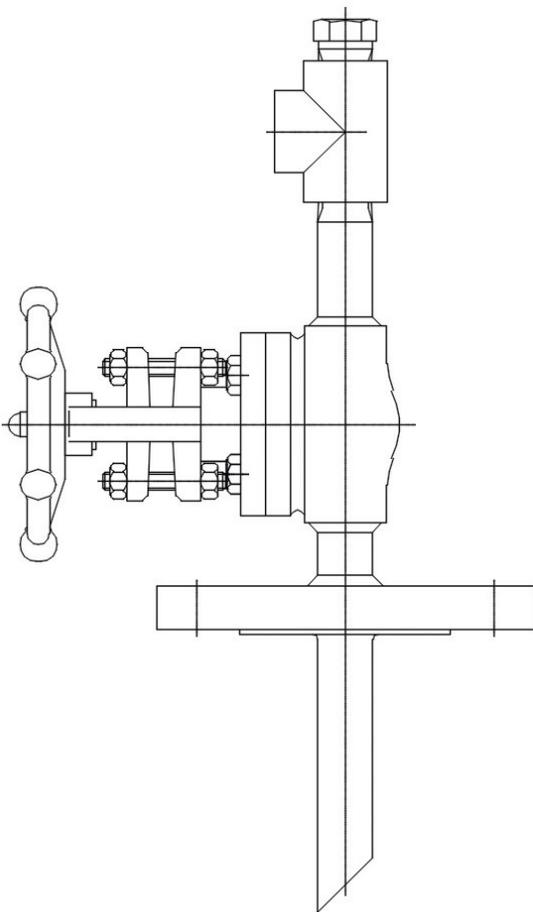
### OPTIONS

- Purge plugs.
- Specific connection.
- High temperature and pressure version.
- Nipples.
- Valves.

# ACCESSORIES

## Sampling probe

**DESCRIPTION:** They are accessories used as part of the instrumentation in all those applications where sampling of the process directly from the pipe and its conduction to the analyzer in the minimum time is required, where high pressures and temperatures discourage direct intervention without pressure control measures, vent plugs as well as controlling the interaction of particles present in the environment and that can hinder the analysis of the process.



### APPLICATIONS

- Process piping systems.
- Analyzers.
- In all types of industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.
  - Renewable energies.
  - Food industry.
  - Paper factories.
  - Water treatment.

### MANUFACTURING

- <b>Design standards:</b>	ASME B36.10 ASME BPVC VIII ASME IX ASME B16.34
- <b>Materials:</b>	AISI-316 (Others on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	NPT, Socket-welding, Butt welding, Flanged. (Others on request).

### SPECIFICATIONS

- <b>Nominal Pressure:</b>	According to dimensions and materials.
- <b>Maximum operating temperature:</b>	According to dimensions and materials.

### OPTIONS

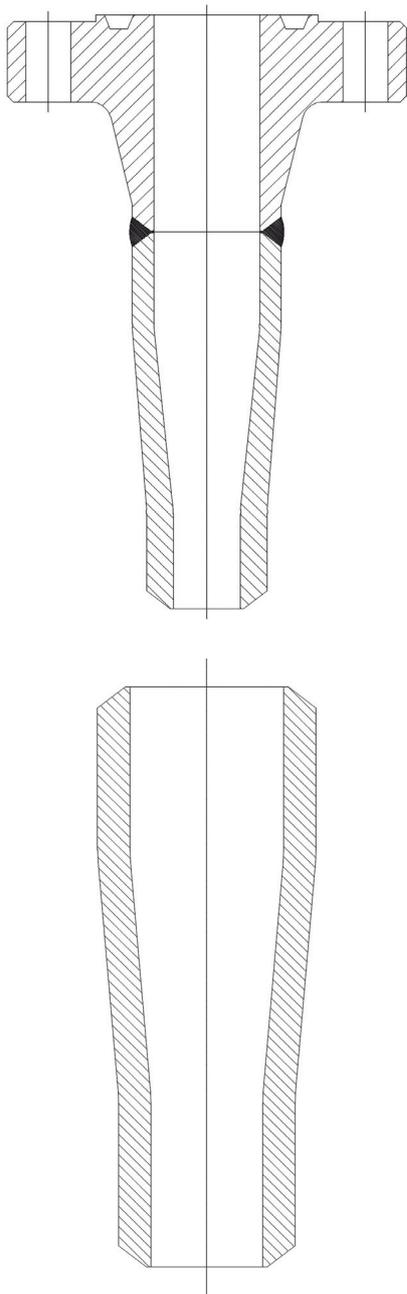
- Purge plugs.
- Specific connection.
- Nipples.
- Valves.



# ACCESSORIES

## Pipe Spool

**DESCRIPTION:** They are accessories used at the wellhead where high pressures, high temperatures and therefore the level of safety required for interconnection of pipes is maximum. They are prepared for pressure containment in case of pumping stoppage, as well as for process or crude transport connection.



### APPLICATIONS

- Wellhead foot piping systems.
- Lines of extreme operating conditions.
- In industrial plants such as:
  - Power generation.
  - Chemical and petrochemical industries.

### MANUFACTURING

- <b>Design standards:</b>	ASME B31.1 ASME IX API 6A
- <b>Materials:</b>	ASTM A105 AISI-316 (Other on request).
- <b>Manufacturing sizes:</b>	According to applicable specifications or standards.
- <b>Types of connections:</b>	Butt welding, Flanged. (Other on request).

### SPECIFICATIONS

- <b>Nominal pressure:</b>	According to dimensions and materials.
- <b>Maximum operating temperature:</b>	According to dimensions and materials.

### OPTIONS

- Purge valves.
- Closing flanges.
- Special joints.



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