

PRODUCT DESCRIPTION

Cone seated sampling valve.

One piece integral cast body with bolted flange to be welded to the main pipeline.

GENERAL APPLICATIONS

The CMO sampling valve is used to take samples of the working fluid inside of the pipelines.

Designed for a wide range of markets such us:

- Pulp and Paper.
- Effluent handling plants.
- Chemical plants.
- Food and beverage.

TECHNICAL DATA

Standard manufacturing sizes:

DN40

Working pressure:

10 (kg/cm²)

Valve design and manufacturing materials:

The TM sampling valve is manufactured fully in AISI316 stainless steel.

It is composed by three main parts: welding flange with neck, valve body and operating system.

Welding flange neck

The valve is connected to the pipeline by means of a pipe neck with a flange.

This pipe neck is welded to the main pipeline from which the samples of the fluid will be taken and on the top of it there is a flange in which the valve is installed.

Also threaded connection to main pipeline is available under request instead of the mentioned welded connection.

Valve body

The valve is composed by an elbow shaped body with a conical machining area (female). The closing plug is also conically shaped (male) with an o-ring installed on it, so when the closing plug is moving up and down it opens and closes the valve and the o-ring makes the tightness with the inside part of the body.

Operating system

The closing plug is moved externally by a quick closing manual lever with a spring.

When the lever is moved to open the valve the spring is contracted and for closing the valve just losing the lever the valve will return to the closed position because of the spring effect.

Please find attached on the next page a drawing of the TM model sampling valve.



SAMPLING VALVE -- MODEL TM

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DRAWING

SCREWS DETAIL

